

SOLE AGENTS FOR THE JAMES SWAN COMPANY'S

## PREMIUM MECHANICS' TOOLS

The largest variety of tools manufactured under any one brand and bearing the  
“SWAN” trade mark.



Especial attention is called to the following: Only the best quality of Cast Steel and Norway Iron is used in the manufacture of Socket Framing Chisels and Drawing Knives.

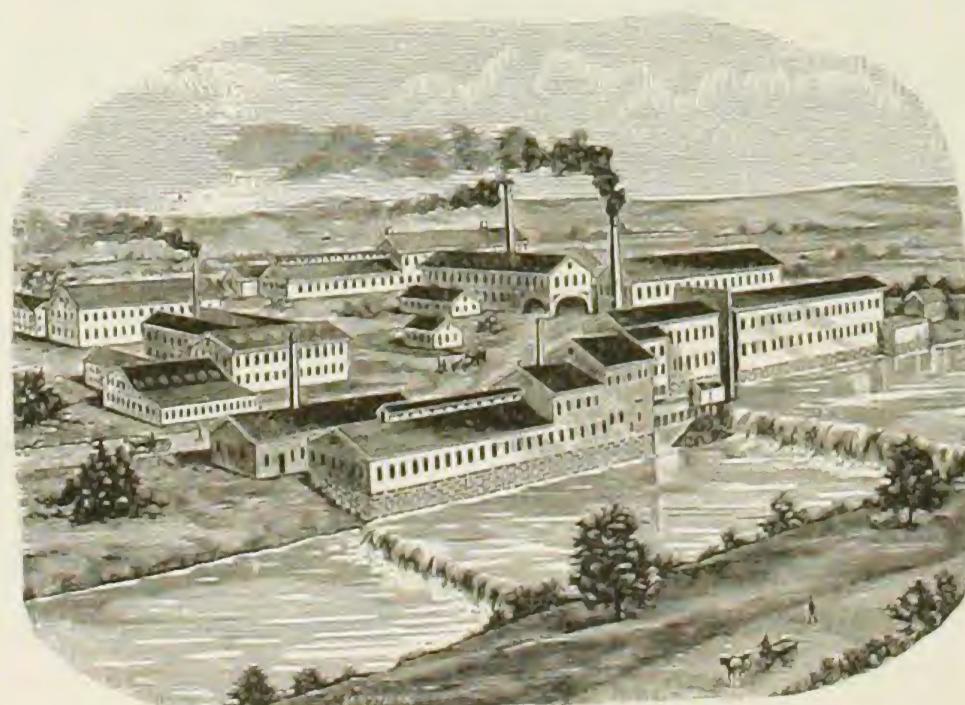
All Socket Firmer and Tanged Firmer Chisels and Gouges, Screw-drivers and Screw-driver Bits, are made from the best quality of Cast Steel.

All Augers and Bits are made from Crucible Cast Steel. Each one is tested by boring before shipment.

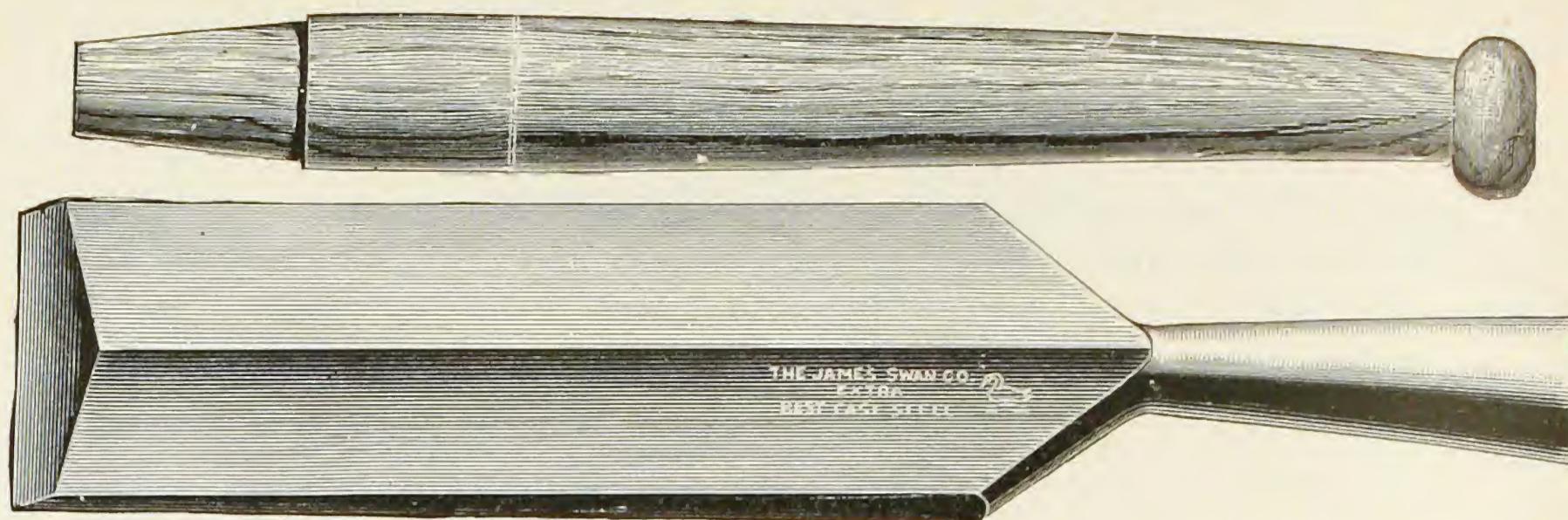
This brand also includes the following well-known assortment: Cook's, Jennings' Pattern, No. 7, and Extra Augers and Bits, Hollow Augers, Expansive Bits, Gimlets and Gimlet Bits, Twist Drills, Bung Borers, Boring Machines, Etc.

The highest standard of quality and finish is adhered to in the manufacture of this line of goods and every tool is fully warranted.

Special goods furnished to order.



## CARPENTERS' SLICKS



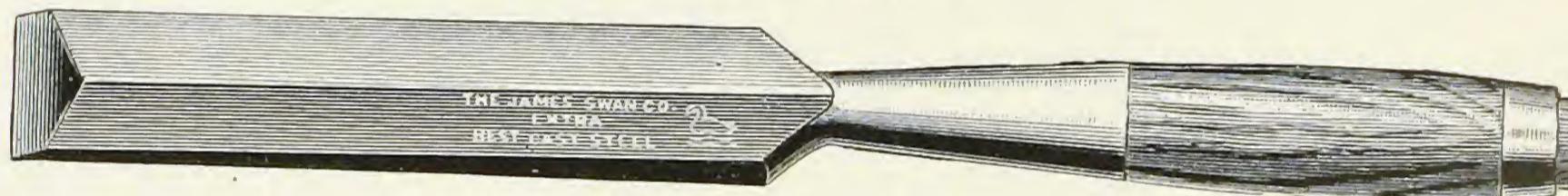
|               |                |                |       |                |                |                |       |
|---------------|----------------|----------------|-------|----------------|----------------|----------------|-------|
| Size, inches, | $2\frac{1}{2}$ | $2\frac{3}{4}$ | 3     | $3\frac{1}{4}$ | $3\frac{1}{2}$ | $3\frac{3}{4}$ | 4     |
| Per dozen,    | \$40.00        | 42.00          | 44.00 | 48.00          | 52.00          | 56.00          | 60.00 |

Quarter dozen in a wooden box.

### EXTRA SOCKET FRAMING CHISELS Oval Back



Bevel Back



## 8-INCH BLADES

|               |                |                |                |                |               |                |                |                |       |
|---------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|-------|
| Size, inches, | $\frac{1}{4}$  | $\frac{5}{16}$ | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$ | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1     |
| Per dozen,    | \$12.00        | 12.00          | 12.00          | 12.00          | 12.00         | 13.00          | 14.00          | 15.00          | 16.00 |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             | $2\frac{1}{4}$ | $2\frac{1}{2}$ | $2\frac{3}{4}$ | 3     |
| Per dozen,    | \$18.00        | 18.00          | 20.00          | 22.00          | 24.00         | 28.00          | 32.00          | 36.00          | 40.00 |

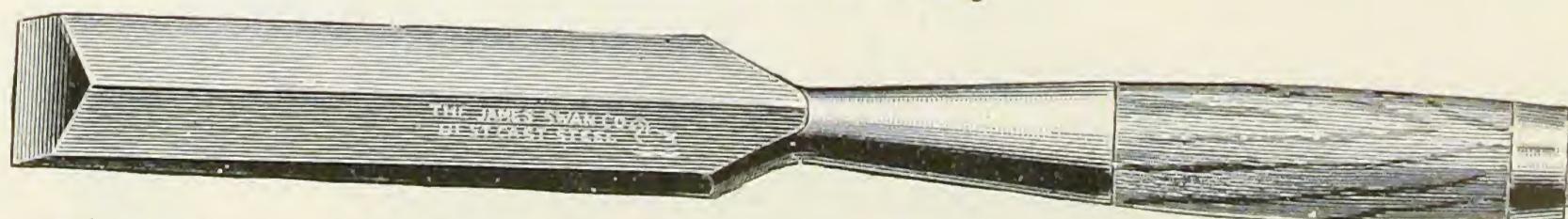
Half dozen in a wooden box.

## ASSORTED IN SETS

|  |                  |
|--|------------------|
| Size, inches, $\frac{1}{4}$ to 3 (16)—All sizes except $\frac{7}{16}$ and $1\frac{1}{8}$ ,   | per set, \$30.00 |
| " " $\frac{1}{4}$ to 2 (12)— $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | " " 18.00        |
| " " $\frac{1}{4}$ to 2 (9)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $2$ ,   | " " 14.00        |
| " " $\frac{1}{4}$ to 2 (6)— $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{2}$ , 2,   | " " 10.00        |

One set in a wooden box.

### NO. 1 SOCKET FRAMING CHISELS Bevel Back Only



|               |               |                |               |               |               |               |               |       |                |                |                |       |
|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|-------|----------------|----------------|----------------|-------|
| Size, inches, | $\frac{1}{4}$ | $\frac{5}{16}$ | $\frac{3}{8}$ | $\frac{1}{2}$ | $\frac{5}{8}$ | $\frac{3}{4}$ | $\frac{7}{8}$ | 1     | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2     |
| Per dozen,    | \$12.00       | 12.00          | 12.00         | 12.00         | 13.00         | 14.00         | 15.00         | 16.00 | 18.00          | 20.00          | 22.00          | 24.00 |

Half dozen in a wooden box.

## ASSORTED IN SETS

|  |                  |
|--|------------------|
| Size, inches, $\frac{1}{4}$ to 2 (12)— $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$18.00 |
| " " $\frac{1}{4}$ to 2 (9)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $2$ ,   | " " 14.00        |
| " " $\frac{1}{4}$ to 2 (6)— $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{2}$ , 2,   | " " 10.00        |

One set in a wooden box.



## CORNER CHISELS



|                             |               |               |               |               |       |                |                |                |
|-----------------------------|---------------|---------------|---------------|---------------|-------|----------------|----------------|----------------|
| Size, inches,<br>Per dozen, | $\frac{1}{2}$ | $\frac{5}{8}$ | $\frac{3}{4}$ | $\frac{7}{8}$ | 1     | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{1}{2}$ |
|                             | \$22.00       | 24.00         | 28.00         | 30.00         | 32.00 | 34.00          | 36.00          | 40.00          |

Half dozen in a wooden box.

## SOCKET FRAMING MILLWRIGHTS' CHISELS

### 10-INCH BLADES

|                             |               |                |                |                |                |                |               |               |
|-----------------------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|
| Size, inches,<br>Per dozen, | $\frac{1}{4}$ | $\frac{5}{16}$ | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ | $\frac{5}{8}$ | $\frac{3}{4}$ |
|                             | \$15.00       | 17.00          | 18.00          | 19.00          | 19.00          | 20.00          | 20.00         | 21.00         |
| Size, inches,<br>Per dozen, | $\frac{7}{8}$ | 1              | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             | 2             |
|                             | \$22.00       | 24.00          | 26.00          | 30.00          | 30.00          | 33.00          | 36.00         | 36.00         |

Half dozen in a wooden box.

### ASSORTED IN SETS

|  |   |                  |
|--|---|------------------|
| Size, inches, $\frac{1}{4}$ to 2 (12)— | $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$25.00 |
| " "                                    | $\frac{1}{4}$ to 2 (9)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,                           | " " 21.00        |
| " "                                    | $\frac{1}{4}$ to 2 (6)— $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{2}$ , 2,  | " " 15.00        |

One set in a wooden box.

## NO. 250. BEVELED SOCKET FIRMER CHISELS



### 6½-INCH BLADES

|                             |               |                |                |                |                |               |               |
|-----------------------------|---------------|----------------|----------------|----------------|----------------|---------------|---------------|
| Size, inches,<br>Per dozen, | $\frac{1}{8}$ | $\frac{1}{4}$  | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$ | $\frac{7}{8}$ |
|                             | \$8.00        | 8.00           | 8.00           | 9.00           | 10.00          | 11.00         | 11.00         |
| Size, inches,<br>Per dozen, | 1             | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | $2$           | 2             |
|                             | \$12.00       | 13.00          | 13.00          | 14.00          | 15.00          | 16.00         | 16.00         |

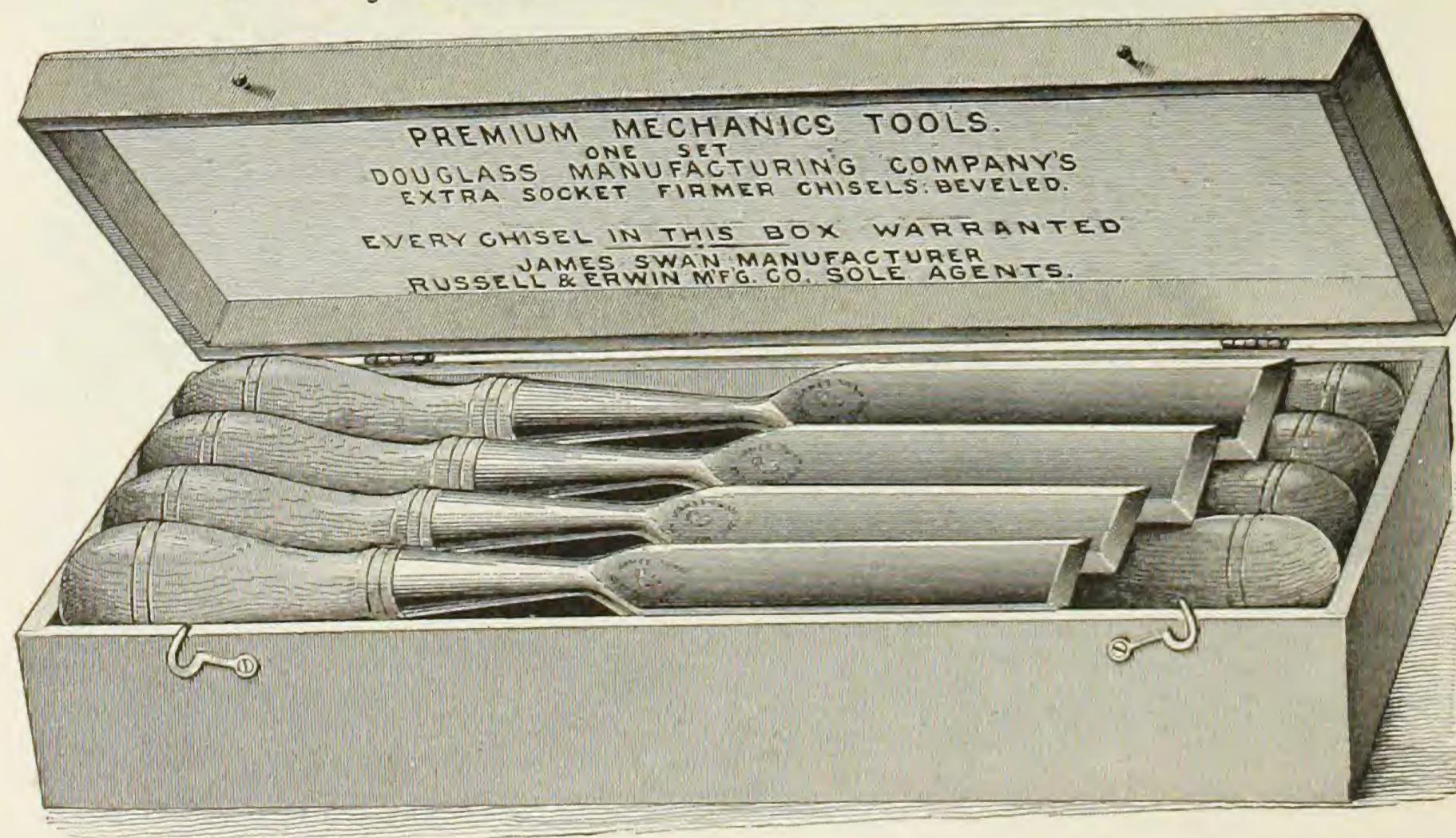
Half dozen in a wooden box.

### ASSORTED IN SETS

|  |   |                  |
|--|---|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,  | per set, \$11.25 |
| " "                                    | $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,                           | " " 8.25         |
| " "                                    | $\frac{1}{8}$ to $1\frac{1}{2}$ (9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , | " " 7.75         |

Add 50 cents per dozen net for Beveling. One set in a wooden box.

The No. 250 Chisels, 12 in a set, are packed in a Hinge Top Box.

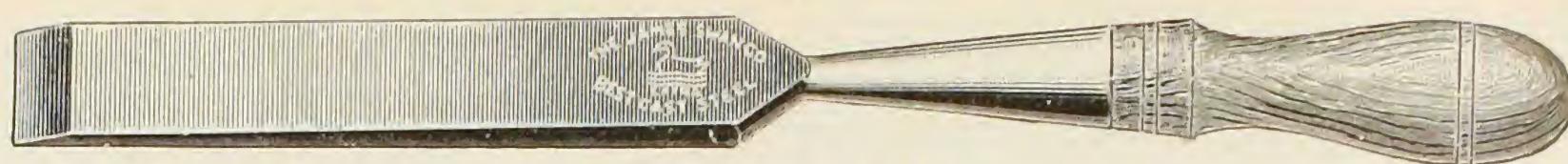


No. 250

Illustration of Beveled Socket Firmer Chisels, No. 250, 12 in a set.



## EXTRA SOCKET FIRMER CHISELS



## 6½-INCH BLADES

| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$  | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$ |
|---------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Per dozen,    | \$8.00        | 8.00           | 8.00           | 9.00           | 10.00          | 11.00          | 11.00         |
| Size, inches, | 1             | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |
| Per dozen,    | \$12.00       | 13.00          | 13.00          | 13.00          | 14.00          | 15.00          | 16.00         |

Half dozen in a wooden box.

## ASSORTED IN SETS

|   |                  |
|---|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$11.25 |
| " " $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,   | " " 8.25         |
| " " $\frac{1}{8}$ to $1\frac{1}{2}$ (9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,                                   | " " 7.75         |

One set in a wooden box.

## NO. 1 SOCKET FIRMER CHISELS



## 6½-INCH BLADES

| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$  | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$ |
|---------------|---------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Per dozen,    | \$8.00        | 8.00           | 8.00           | 9.00           | 10.00          | 11.00          | 11.00         |
| Size, inches, | 1             | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |
| Per dozen,    | \$12.00       | 13.00          | 13.00          | 13.00          | 14.00          | 15.00          | 16.00         |

Half dozen in a wooden box.

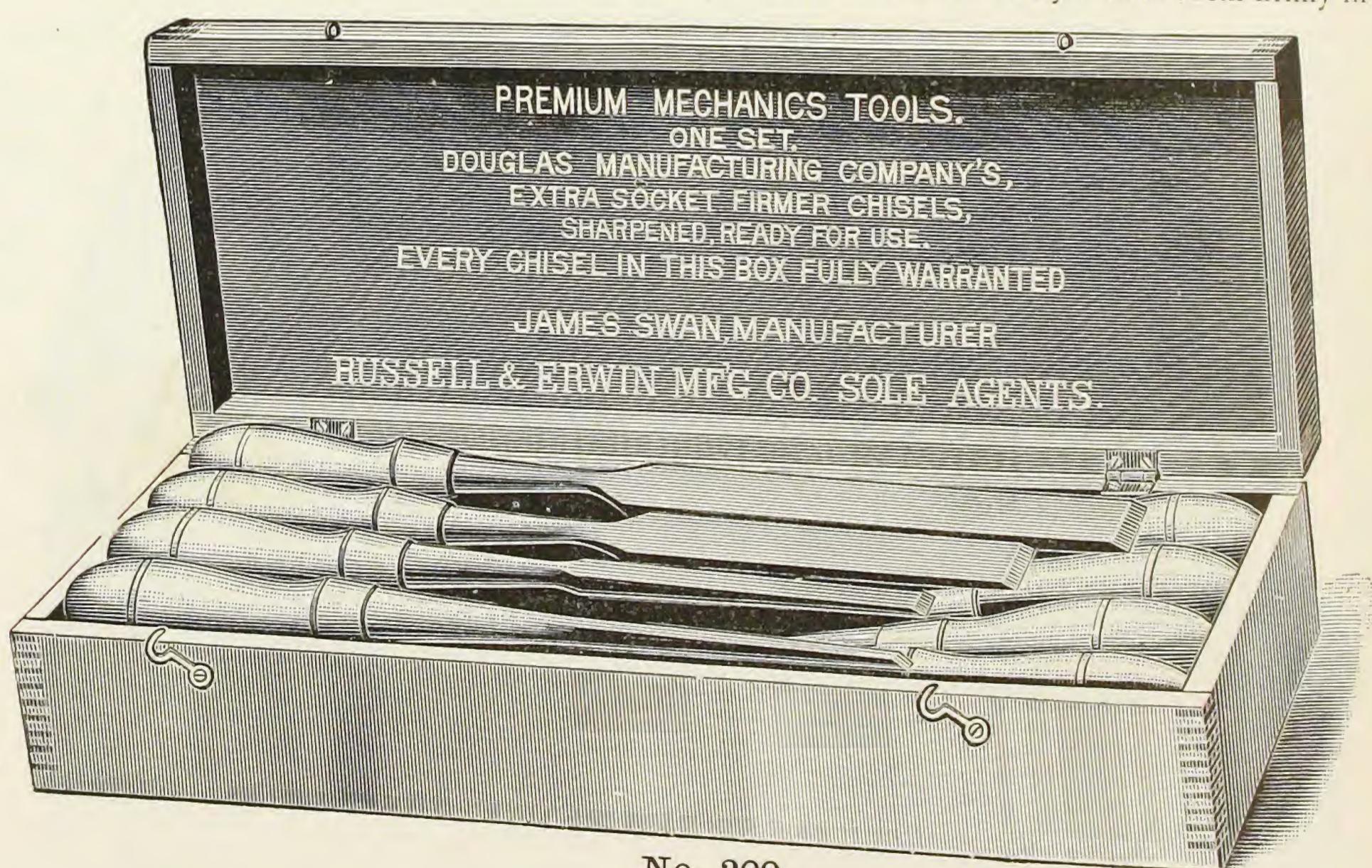
## ASSORTED IN SETS

|   |                  |
|---|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$11.25 |
| " " $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,   | " " 8.25         |
| " " $\frac{1}{8}$ to $1\frac{1}{2}$ (9)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,                                   | " " 7.75         |

One set in a wooden box.

## CHISELS IN WOODEN BOXES

Packed in Patent Spring Bottom Boxes which allow adjustment of Chisels and yet hold them firmly in position.

No.  
200

No. 200

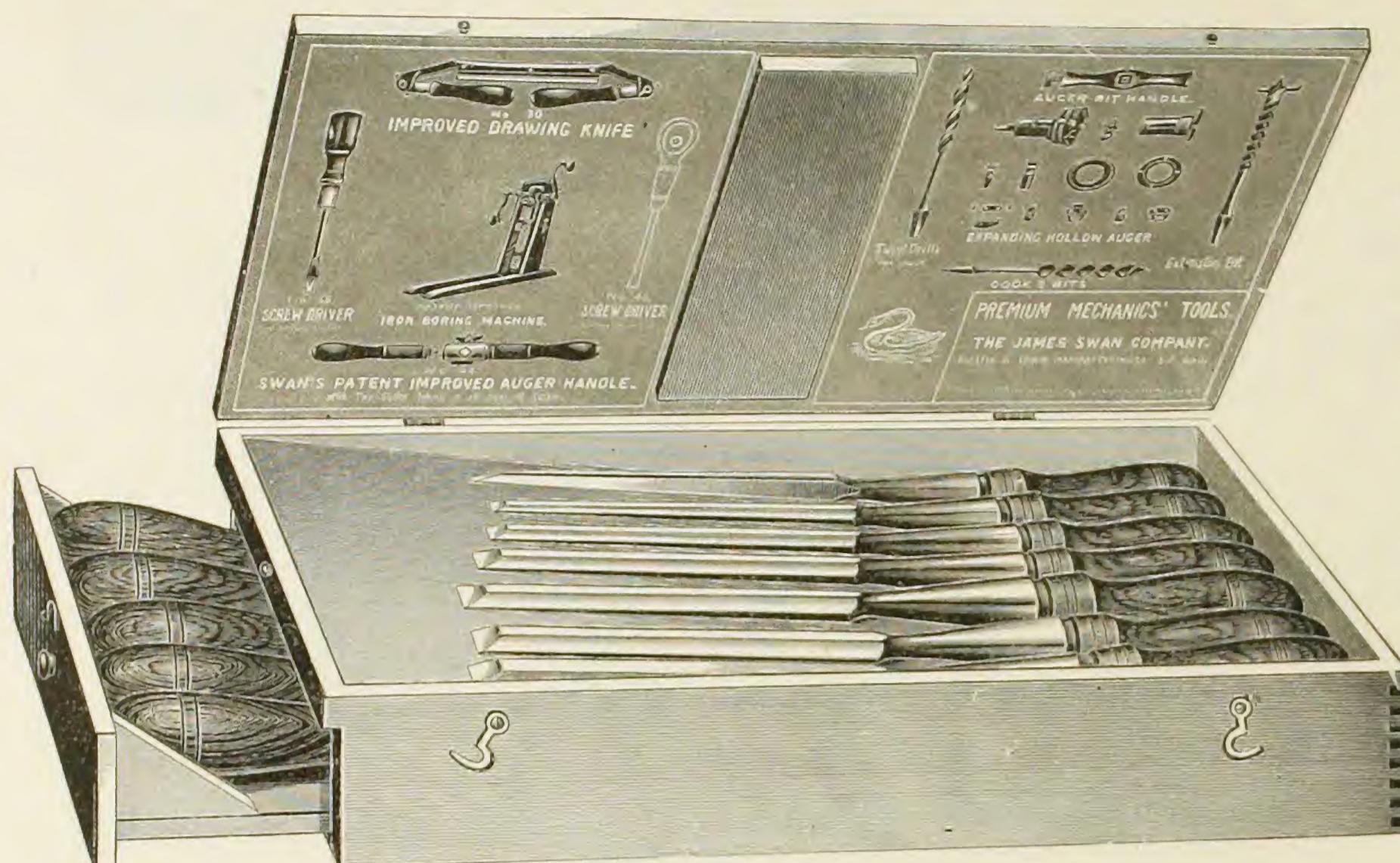
Per set.

Extra Socket Firmer Chisels, Sharpened and Honed,  
in sets (12)— $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2,

\$5.00



## CHISELS IN WOODEN BOXES

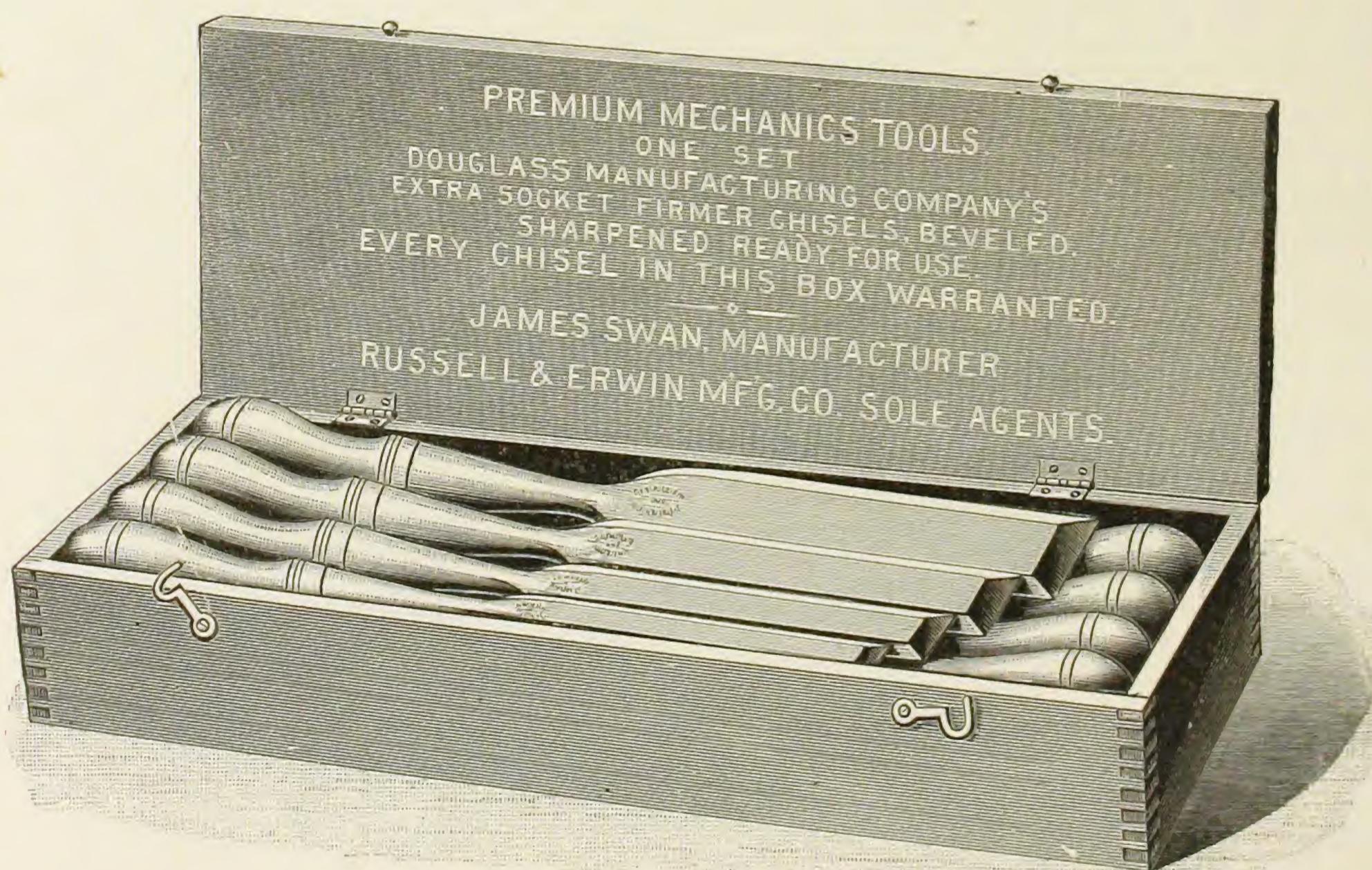


No. 400

Per set.

|            |   |        |
|------------|---|--------|
| No.<br>400 | Beveled Socket Firmer Chisels, Rosewood Finish Handles,<br>in sets (12)— $\frac{1}{8}$ to 2 inches, | \$6.00 |
|------------|---|--------|

It will be seen by the above cut that any Chisel desired can be taken from top or drawer without interfering with the others. The box is made of hard wood, nicely finished, and so constructed that there is no weight on the Hinges.



No. 300

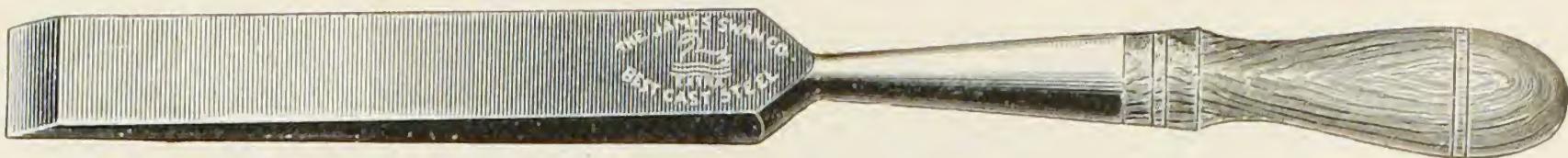
Per set.

|            |  |        |
|------------|--|--------|
| No.<br>180 | Beveled Tanged Firmer Chisels, Sharpened and Honed, Fancy Handles,<br>in sets (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | \$8.65 |
| 300        | Beveled Socket Firmer Chisels, Sharpened and Honed,<br>in sets (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,                | 6.50   |

Packed in patent spring-bottom boxes which allow adjustment of Chisels and yet hold them firmly in position.



## SUPERIOR SOCKET COACHMAKERS' CHISELS



## 7-INCH BLADES, HEAVY

|               |                |                |                |               |               |                |                |       |
|---------------|----------------|----------------|----------------|---------------|---------------|----------------|----------------|-------|
| Size, inches, | $\frac{1}{8}$  | $\frac{1}{4}$  | $\frac{3}{8}$  | $\frac{1}{2}$ | $\frac{5}{8}$ | $\frac{3}{4}$  | $\frac{7}{8}$  | I     |
| Per dozen,    | \$5.00         | 5.75           | 6.00           | 7.00          | 8.00          | 8.50           | 9.00           | 9.50  |
| Size, inches, | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |               | $2\frac{1}{4}$ | $2\frac{1}{2}$ | 3     |
| Per dozen,    | \$10.50        | 11.50          | 12.00          | 13.00         |               | 16.00          | 20.00          | 26.00 |

Half dozen in a wooden box.

## ASSORTED IN SETS

|   |                  |
|---|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , I, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$10.00 |
| " " $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , I, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,   | " " 7.50         |

One set in a wooden box.

## SUPERIOR SOCKET PARING CHISELS



## 7½-INCH BLADES

|               |                |                |                |               |               |                |                |       |
|---------------|----------------|----------------|----------------|---------------|---------------|----------------|----------------|-------|
| Size, inches, | $\frac{1}{8}$  | $\frac{1}{4}$  | $\frac{3}{8}$  | $\frac{1}{2}$ | $\frac{5}{8}$ | $\frac{3}{4}$  | $\frac{7}{8}$  | I     |
| Per dozen,    | \$5.00         | 6.25           | 6.50           | 7.50          | 8.00          | 8.50           | 9.00           | 9.50  |
| Size, inches, | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |               | $2\frac{1}{4}$ | $2\frac{1}{2}$ | 3     |
| Per dozen,    | \$10.50        | 11.50          | 12.00          | 13.00         |               | 16.00          | 20.00          | 26.00 |

Half dozen in a wooden box.

## ASSORTED IN SETS

|   |                  |
|---|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , I, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$10.00 |
| " " $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , I, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,   | " " 7.50         |

One set in a wooden box.

## SUPERIOR SOCKET FIRMER MILLWRIGHTS' CHISELS



## 8-INCH BLADES

|               |               |                |                |                |               |               |                |       |
|---------------|---------------|----------------|----------------|----------------|---------------|---------------|----------------|-------|
| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$  | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$ | $\frac{3}{4}$ | $\frac{7}{8}$  |       |
| Per dozen,    | \$5.50        | 6.25           | 6.50           | 7.50           | 8.00          | 8.50          | 9.25           | 9.75  |
| Size, inches, | I             | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |               | $2\frac{1}{2}$ | 3     |
| Per dozen,    | \$10.50       | 11.00          | 12.00          | 12.50          | 13.50         |               | 21.00          | 27.00 |

Half dozen in a wooden box.

## ASSORTED IN SETS

|   |                  |
|---|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , I, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$13.50 |
| " " $\frac{1}{4}$ to 2 (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , I, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,   | " " 12.00        |

One set in a wooden box.



## SUPERIOR SOCKET FIRMER GOUGES

Outside Bevel



### 6½-INCH BLADES

|               |               |               |                |                |                |               |
|---------------|---------------|---------------|----------------|----------------|----------------|---------------|
| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$ |
| Per dozen,    | \$5.00        | 5.75          | 6.00           | 7.00           | 8.00           | 8.50          |
| Size, inches, | $\frac{7}{8}$ | 1             | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |
| Per dozen,    | \$9.00        | 9.50          | 10.50          | 11.50          | 12.00          | 13.00         |

### ASSORTED IN SETS

|  |  |                  |
|--|--|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$10.00 |
| " " $\frac{1}{4}$ to 2 (8)—            | $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,   | " " 7.50         |

Furnished with Inside Bevel at same List Prices.

## SOCKET FIRMER PARING GOUGES

Inside Bevel



### 7½-INCH BLADES

|               |               |               |                |                |                |               |
|---------------|---------------|---------------|----------------|----------------|----------------|---------------|
| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$ |
| Per dozen,    | \$6.00        | 7.00          | 8.00           | 8.50           | 9.50           | 10.50         |
| Size, inches, | $\frac{7}{8}$ | 1             | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |
| Per dozen,    | \$11.00       | 12.00         | 13.50          | 14.00          | 15.00          | 16.00         |

### ASSORTED IN SETS

|  |  |                  |
|--|--|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$12.50 |
| " " $\frac{1}{4}$ to 2 (8)—            | $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,  | " " 10.00        |

## SOCKET FIRMER MILLWRIGHTS' GOUGES

Inside Bevel



### 8-INCH BLADES

|               |               |               |                |                |                |               |
|---------------|---------------|---------------|----------------|----------------|----------------|---------------|
| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$ |
| Per dozen,    | \$7.00        | 8.00          | 9.00           | 10.00          | 11.00          | 12.00         |
| Size, inches, | $\frac{7}{8}$ | 1             | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |
| Per dozen,    | \$13.00       | 14.00         | 16.00          | 17.00          | 18.00          | 20.00         |

### ASSORTED IN SETS

|  |  |                  |
|--|--|------------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$15.00 |
| " " $\frac{1}{4}$ to 2 (8)—            | $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,  | " " 12.50        |

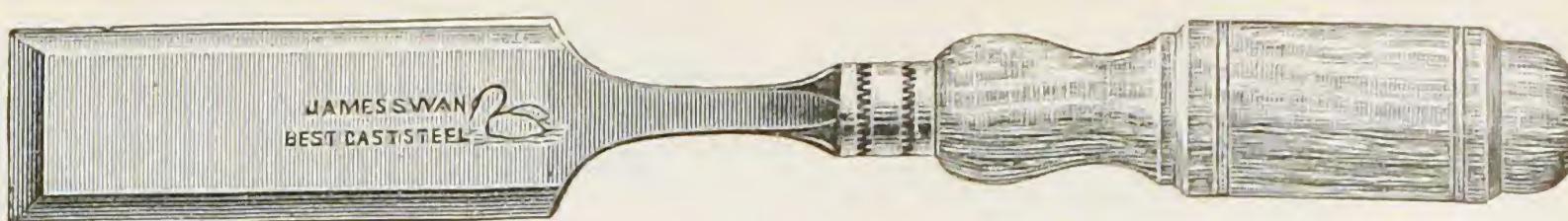
All above, half dozen in a wooden box.

Sets, one set in a wooden box.

Outside Bevel Millwright and Paring Gouges furnished to order.



## NO. 175, BEVELED TANGED FIRMER CHISELS



SHARPENED AND HONED, FANCY APPLEWOOD HANDLES

|               |               |               |                |                |                |               |
|---------------|---------------|---------------|----------------|----------------|----------------|---------------|
| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$ |
| Per dozen,    | \$4.70        | 4.85          | 5.10           | 5.45           | 5.80           | 6.05          |
| Size, inches, | $\frac{7}{8}$ | 1             | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             |
| Per dozen,    | \$6.25        | 6.70          | 8.75           | 9.90           | 12.35          | 13.90         |

Half dozen in a wooden box.

## ASSORTED IN SETS

|  |  |                 |
|--|--|-----------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)—   | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$7.75 |
| " " $\frac{1}{8}$ to $1\frac{1}{2}$ (9)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,                                     | " " 5.00        |

One set in a wooden box.

## NO. 180, BEVELED TANGED FIRMER CHISELS

In sets (12) ( $\frac{1}{8}$ -2) packed in patent spring bottom boxes.

See page 673.

## NO. 150, BEVELED TANGED FIRMER CHISELS

## WITHOUT HANDLES, SHARPENED AND HONED

|               |               |               |                |                |                |                |                |                |                |                |      |
|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2    |
| Per dozen,    | \$3.80        | 3.85          | 4.00           | 4.40           | 4.60           | 4.80           | 5.00           | 5.40           | 5.60           | 5.80           | 6.00 |
| Size, inches, | $\frac{7}{8}$ | 1             | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | $2\frac{1}{4}$ | $2\frac{3}{4}$ | $3\frac{1}{4}$ | $3\frac{3}{4}$ | $4\frac{1}{4}$ | 4.80 |
| Per dozen,    | \$5.00        | 5.40          | 7.25           | 8.30           | 10.50          | 12.00          |                |                |                |                |      |

One dozen in a wooden box.

## ASSORTED IN SETS

|  |  |                 |
|--|--|-----------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)—             | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$6.40 |
| Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,                                     | " " 4.00        |

One set in a wooden box.

## NO. 100, CITY PATTERN HANDLED TANGED FIRMER CHISELS

## POLISHED APPLEWOOD HANDLE WITH CAST BRASS FERRULE, SHARPENED AND HONED

|               |               |               |               |               |               |               |      |                |                |                |      |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|----------------|----------------|----------------|------|
| Size, inches, | $\frac{1}{4}$ | $\frac{3}{8}$ | $\frac{1}{2}$ | $\frac{5}{8}$ | $\frac{3}{4}$ | $\frac{7}{8}$ | 1    | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2    |
| Per dozen,    | \$2.60        | 2.85          | 3.15          | 3.45          | 3.70          | 4.05          | 4.30 | 5.60           | 6.70           | 8.05           | 9.40 |

Half dozen in a wooden box.

## ASSORTED IN SETS

|  |  |                 |
|--|--|-----------------|
| Size, inches, $\frac{1}{8}$ to 2 (12)—   | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2, | per set, \$4.80 |
| " " $\frac{1}{8}$ to $1\frac{1}{2}$ (9)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ ,                                     | " " 3.20        |
| " " $\frac{1}{8}$ to 1 (8)—              | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1,   | " " 2.50        |

One set in a wooden box.



## EXTRA COACHMAKERS' FIRMER CHISELS



6½-INCH BLADES

| Size, inches,<br>Per dozen, | ⅛      | ¼    | ⅜     | ½     | ⅝     | ¾     | ⅞     |
|-----------------------------|--------|------|-------|-------|-------|-------|-------|
|                             | \$4.50 | 4.75 | 4.87  | 5.25  | 5.50  | 6.00  | 6.50  |
| Size, inches,<br>Per dozen, | 1      | 1 ¼  | 1 ½   | 1 ¾   | 2     | 2 ¼   | 2 ½   |
|                             | \$7.50 | 9.75 | 11.75 | 13.25 | 16.25 | 19.25 | 21.25 |

Half dozen in a wooden box.

### ASSORTED IN SETS

|                            |  |                 |
|----------------------------|--|-----------------|
| Size, inches, ⅛ to 2 (12)— | ⅛, ¼, ⅓, ½, ⅔, ¾, ⅗, ⅘, 1, 1 ¼, 1 ½, 1 ¾, 2, | per set, \$8.75 |
| " " ¼ to 2 (8)—            | ⅛, ¼, ⅓, ½, ⅔, ¾, ⅗, ⅘, 1, 1 ¼, 1 ½, 1 ¾, 2, | " " 7.75        |

Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.

## EXTRA LONG THIN PARING CHISELS



7-INCH BLADES

| Size, inches,<br>Per dozen, | ⅛      | ¼     | ⅓     | ½     | ⅔     | ¾     | ⅗     | 1     |
|-----------------------------|--------|-------|-------|-------|-------|-------|-------|-------|
|                             | \$4.50 | 4.75  | 4.87  | 5.25  | 5.50  | 6.00  | 6.50  | 8.00  |
| Size, inches,<br>Per dozen, | 1 ¼    | 1 ½   | 1 ¾   | 2     | 2 ¼   | 2 ½   | 2 ¾   | 3     |
|                             | \$9.75 | 11.75 | 13.25 | 16.25 | 19.25 | 22.25 | 31.25 | 39.25 |

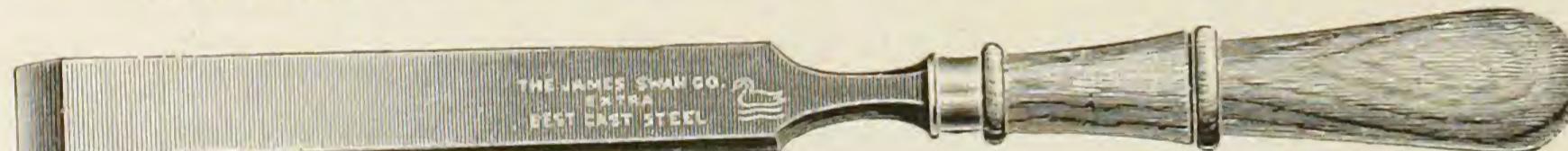
Half dozen in a wooden box.

### ASSORTED IN SETS

|                            |  |                 |
|----------------------------|--|-----------------|
| Size, inches, ⅛ to 2 (12)— | ⅛, ¼, ⅓, ½, ⅔, ¾, ⅗, ⅘, 1, 1 ¼, 1 ½, 1 ¾, 2, | per set, \$8.75 |
| " " ¼ to 2 (8)—            | ⅛, ¼, ⅓, ½, ⅔, ¾, ⅗, ⅘, 1, 1 ¼, 1 ½, 1 ¾, 2, | " " 7.25        |

Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.

## EXTRA MILLWRIGHTS' FIRMER CHISELS



7½-INCH BLADES

| Size, inches,<br>Per dozen, | ⅛       | ¼     | ⅓     | ½     | ⅔     | ¾     |
|-----------------------------|---------|-------|-------|-------|-------|-------|
|                             | \$5.25  | 5.25  | 5.75  | 6.25  | 7.25  | 8.25  |
| Size, inches,<br>Per dozen, | ⅜       | ⅓     | 1 ⅛   | 1 ¼   | 1 ⅓   | 1 ⅔   |
|                             | \$9.25  | 10.25 | 11.75 | 13.25 | 14.75 | 15.75 |
| Size, inches.<br>Per dozen, | 1 ¾     | 2     | 2 ¼   | 2 ½   | 2 ¾   | 3     |
|                             | \$18.25 | 22.25 | 26.25 | 32.25 | 38.25 | 42.25 |

Half dozen in a wooden box.

### ASSORTED IN SETS

|                            |  |                  |
|----------------------------|--|------------------|
| Size, inches, ⅛ to 2 (12)— | ⅛, ¼, ⅓, ½, ⅔, ¾, ⅗, ⅘, 1, 1 ¼, 1 ½, 1 ¾, 2, | per set, \$11.25 |
| " " ¼ to 2 (8)—            | ⅛, ¼, ⅓, ½, ⅔, ¾, ⅗, ⅘, 1, 1 ¼, 1 ½, 1 ¾, 2, | " " 8.75         |

Without handles, \$1.25 per dozen less on List Prices. One set in a wooden box.



# EXTRA PARING FIRMER GOUGES

Inside Bevel



7-INCH BLADES

|               |               |               |                |                |                |                |                |                |                |                |                |                |
|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | $1\frac{1}{2}$ | $1\frac{3}{4}$ | $2$            | $2\frac{1}{4}$ | $3\frac{1}{4}$ |
| Per dozen,    | \$5.40        | 5.75          | 5.87           | 6.25           | 6.50           | 6.87           | 7.25           | 7.50           | 7.75           | 8.25           | 8.50           | 9.25           |
| Size, inches, | $\frac{7}{8}$ | 1             | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | $2\frac{1}{4}$ | $2\frac{3}{4}$ | $3\frac{1}{2}$ | $3\frac{3}{4}$ | $4\frac{1}{2}$ | $5\frac{1}{4}$ | $6\frac{1}{2}$ |
| Per dozen,    | \$7.50        | 8.50          | 10.25          | 11.25          | 15.25          |                |                |                |                |                |                | 18.25          |

Half dozen in a wooden box.

## ASSORTED IN SETS

|  |   |                                       |
|--|---|---------------------------------------|
| Size, inches, $\frac{1}{8}$ to $2$ (12)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,                                    | per set, \$11.75                      |
| " "                                      | $\frac{1}{4}$ to $2$ (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,<br>Without handles, \$1.25 per dozen less on List Prices. | " " 10.25<br>One set in a wooden box. |

# EXTRA MILLWRIGHTS' FIRMER GOUGES

Inside Bevel

7 $\frac{1}{2}$ -INCH BLADES, HEAVY

|               |               |               |                |                |                |                |                |                |                |                |                |                |
|---------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Size, inches, | $\frac{1}{8}$ | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | $1\frac{1}{2}$ | $1\frac{3}{4}$ | $2$            | $2\frac{1}{4}$ | $3\frac{1}{4}$ |
| Per dozen,    | \$6.25        | 6.25          | 6.75           | 7.25           | 8.25           | 9.25           | 10.25          | 11.25          | 12.25          | 13.25          | 14.25          | 15.25          |
| Size, inches, | $\frac{7}{8}$ | 1             | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | $2\frac{1}{4}$ | $2\frac{3}{4}$ | $3\frac{1}{2}$ | $3\frac{3}{4}$ | $4\frac{1}{2}$ | $5\frac{1}{4}$ | $6\frac{1}{2}$ |
| Per dozen,    | \$10.25       | 11.25         | 14.75          | 17.25          | 20.25          |                |                |                |                |                |                | 23.75          |

Half dozen in a wooden box.

## ASSORTED IN SETS

|  |   |                                       |
|--|---|---------------------------------------|
| Size, inches, $\frac{1}{8}$ to $2$ (12)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,                                    | per set, \$13.75                      |
| " "                                      | $\frac{1}{4}$ to $2$ (8)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , 2,<br>Without handles, \$1.25 per dozen less on List Prices. | " " 11.25<br>One set in a wooden box. |

# EXTRA TURNING CHISELS



7-INCH BLADES

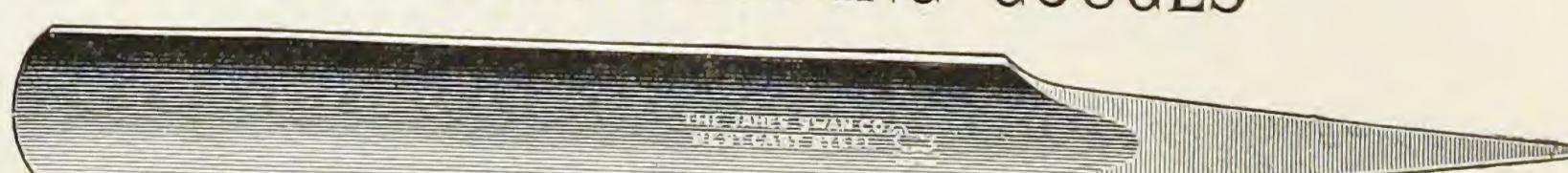
|               |                |                |                    |                    |                |               |                |                |
|---------------|----------------|----------------|--------------------|--------------------|----------------|---------------|----------------|----------------|
| Size, inches, | $\frac{1}{8}$  | $\frac{1}{4}$  | $\frac{3}{8}$      | $\frac{1}{2}$      | $\frac{5}{8}$  | $\frac{3}{4}$ | $\frac{7}{8}$  | $1$            |
| Per dozen,    | \$2.50         | 2.75           | 3.12 $\frac{1}{2}$ | 3.37 $\frac{1}{2}$ | 3.75           | 4.25          | 5.00           | 5.50           |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$     | $1\frac{1}{2}$     | $1\frac{3}{4}$ | 2             | $2\frac{1}{4}$ | $2\frac{1}{2}$ |
| Per dozen,    | \$7.00         | 7.00           | 8.75               | 8.75               | 10.25          | 12.50         | 16.50          | 21.50          |

Half dozen in a wooden box.

## ASSORTED IN SETS

|  |   |   |
|--|---|---|
| Size, inches, $\frac{1}{8}$ to $2$ (12)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,  | per set, \$6.50   |
| " "                                      | $\frac{1}{4}$ to $1\frac{1}{2}$ (9)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , | " " 5.00<br>Handled, \$1.25 per dozen extra on List Prices.<br>One set in a wooden box. |

# EXTRA TURNING GOUGES



7-INCH BLADES

|               |                |                |                |                |                |               |                |                |
|---------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|
| Size, inches, | $\frac{1}{8}$  | $\frac{1}{4}$  | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$ | $\frac{7}{8}$  | $1$            |
| Per dozen,    | \$3.00         | 3.00           | 3.50           | 4.00           | 4.50           | 5.50          | 6.00           | 7.00           |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2             | $2\frac{1}{4}$ | $2\frac{1}{2}$ |
| Per dozen,    | \$8.50         | 8.50           | 12.75          | 12.75          | 14.00          | 18.00         | 21.00          | 25.00          |

Half dozen in a wooden box.

## ASSORTED IN SETS

|  |   |   |
|--|---|---|
| Size, inches, $\frac{1}{8}$ to $2$ (12)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , $1\frac{3}{4}$ , 2,  | per set, \$8.50   |
| " "                                      | $\frac{1}{4}$ to $1\frac{1}{2}$ (9)— $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, $1\frac{1}{4}$ , $1\frac{1}{2}$ , | " " 6.50<br>Handled, \$1.25 per dozen extra on List Prices.<br>One set in a wooden box. |



## EXTRA TANGED FIRMER CHISELS



|               |                |                |                |                |                |                |                |                |               |                |                |      |
|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|------|
| Size, inches, | $\frac{1}{8}$  | $\frac{3}{16}$ | $\frac{1}{4}$  | $\frac{5}{16}$ | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ | $\frac{5}{8}$ | $\frac{3}{4}$  | $\frac{7}{8}$  | 1    |
| Per dozen,    | \$2.00         | 2.00           | 2.12           | $\frac{1}{2}$  | 2.12           | $\frac{1}{2}$  | 2.25           | 2.25           | 2.60          | 2.60           | 2.75           | 3.00 |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ | $1\frac{3}{4}$ | $1\frac{7}{8}$ | 2              | 2             | $2\frac{1}{4}$ | $2\frac{1}{2}$ | 3    |
| Per dozen,    | 4.50           | 5.00           | 5.50           | 6.00           | 7.50           | 7.50           | 9.00           | 9.00           | 11.50         | 14.00          | 21.00          |      |

One dozen in a wooden box.

## EXTRA TANGED FIRMER CHISELS, HANDLED

|               |                |                |                |                |                |                |                |                |
|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Size, inches, | $\frac{1}{8}$  | $\frac{3}{16}$ | $\frac{1}{4}$  | $\frac{5}{16}$ | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ |
| Per dozen,    | \$3.00         | 3.00           | 3.00           | 3.12           | $\frac{1}{2}$  | 3.12           | $\frac{1}{2}$  | 3.25           |
| Size, inches, | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1              | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ |
| Per dozen,    | \$3.60         | 3.75           | 4.00           | 4.50           | 5.50           | 6.00           | 6.50           | 7.00           |
| Size, inches, | $1\frac{5}{8}$ | $1\frac{3}{4}$ | $1\frac{7}{8}$ | 2              | $2\frac{1}{4}$ | $2\frac{1}{2}$ | 3              |                |
| Per dozen,    | \$8.50         | 8.50           | 10.00          | 10.00          | 12.50          | 15.00          | 22.00          |                |

Half dozen in a wooden box.

### ASSORTED IN SETS

| Per set.<br>Not Handled. | Per set.<br>Handled. |
|--------------------------|----------------------|
|--------------------------|----------------------|

|                                       |  |          |          |
|---------------------------------------|--|----------|----------|
| Size, inches, $\frac{1}{8}$ to 1 (8)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, | $\$2.50$ | $\$3.50$ |
| " "                                   | $\frac{1}{8}$ to $1\frac{1}{2}$ (9)—   |          |          |
| " "                                   | $\frac{1}{8}$ to 2 (12)—   |          |          |

One set in a wooden box.

## NO. 1, TANGED FIRMER CHISELS

Separate sizes and sets, not handled, same List Prices as Extra.

## EXTRA TANGED FIRMER GOUGES

### Outside Bevel



|               |               |                |                |                |                |                |                |                |                |                |               |
|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Size, inches, | $\frac{1}{8}$ | $\frac{3}{16}$ | $\frac{1}{4}$  | $\frac{5}{16}$ | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ | $\frac{5}{8}$  | $\frac{3}{4}$  |               |
| Per dozen,    | \$2.25        | 2.37           | $\frac{1}{2}$  | 2.50           | 2.62           | $\frac{1}{2}$  | 2.62           | $\frac{1}{2}$  | 2.75           | 2.87           | $\frac{1}{2}$ |
| Size, inches, | $\frac{5}{8}$ | 1              | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ | $1\frac{3}{4}$ | $1\frac{7}{8}$ | $1\frac{1}{2}$ | 2             |
| Per dozen,    | \$3.50        | 4.50           | 5.50           | 6.00           | 7.00           | 7.50           | 9.00           | 10.00          | 12.00          | 12.00          |               |

One dozen in a wooden box.

## EXTRA TANGED FIRMER GOUGES, HANDLED

|               |               |                |                |                |                |                |                |                |                |                |               |
|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|
| Size, inches, | $\frac{1}{8}$ | $\frac{3}{16}$ | $\frac{1}{4}$  | $\frac{5}{16}$ | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ | $\frac{5}{8}$  | $\frac{3}{4}$  |               |
| Per dozen,    | \$3.25        | 3.37           | $\frac{1}{2}$  | 3.50           | 3.62           | $\frac{1}{2}$  | 3.62           | $\frac{1}{2}$  | 3.75           | 3.87           | $\frac{1}{2}$ |
| Size, inches, | $\frac{5}{8}$ | 1              | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ | $1\frac{3}{4}$ | $1\frac{7}{8}$ | $1\frac{1}{2}$ | 2             |
| Per dozen,    | \$4.50        | 5.50           | 6.50           | 7.00           | 8.00           | 8.50           | 10.00          | 11.00          | 13.00          | 13.00          |               |

Half dozen in a wooden box.

### ASSORTED IN SETS

| Per set.<br>Not Handled. | Per set.<br>Handled. |
|--------------------------|----------------------|
|--------------------------|----------------------|

|                                       |  |          |          |
|---------------------------------------|--|----------|----------|
| Size, inches, $\frac{1}{8}$ to 1 (8)— | $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ , $\frac{7}{8}$ , 1, | $\$3.25$ | $\$4.25$ |
| " "                                   | $\frac{1}{8}$ to $1\frac{1}{2}$ (9)—   |          |          |
| " "                                   | $\frac{1}{8}$ to 2 (12)—   |          |          |

One set in a wooden box.

Furnished with Inside Bevel at same list prices.

## NO. 1, TANGED FIRMER GOUGES

Separate sizes and sets, not handled, same List Prices as Extra.



# SWAN'S PATENT ADJUSTABLE AND FOLDING HANDLE DRAWING KNIVES

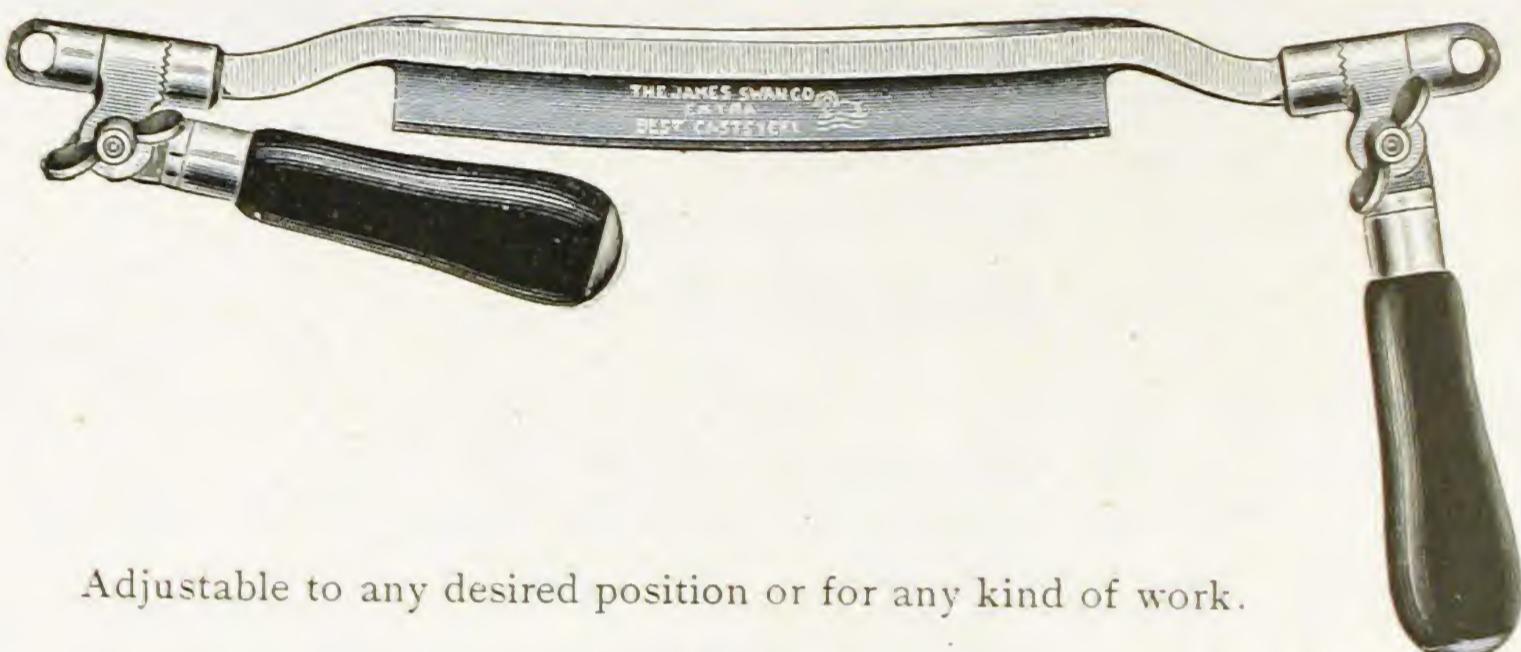


This is a new drawing knife and a very strong and superior tool.

NO. 32

|               |         |       |       |       |       |
|---------------|---------|-------|-------|-------|-------|
| Size, inches, | 6       | 7     | 8     | 9     | 10    |
| Per dozen,    | \$21.00 | 22.50 | 24.00 | 25.50 | 27.00 |

Half dozen in a box.

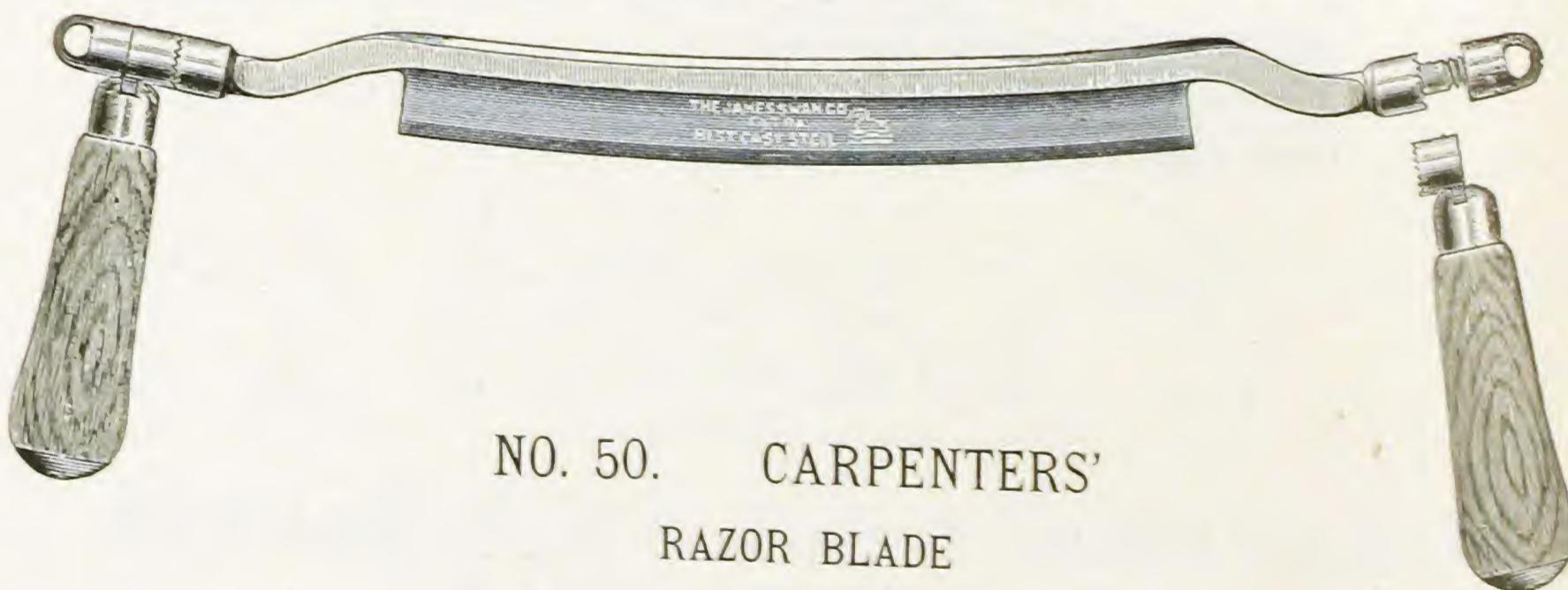


Adjustable to any desired position or for any kind of work.

NO. 40

|               |         |       |       |
|---------------|---------|-------|-------|
| Size, inches, | 6       | 7     | 8     |
| Per dozen,    | \$21.00 | 22.50 | 24.00 |

## ADJUSTABLE HANDLE DRAWING KNIVES



NO. 50. CARPENTERS'  
RAZOR BLADE

|               |        |       |       |       |       |       |       |
|---------------|--------|-------|-------|-------|-------|-------|-------|
| Size, inches, | 6      | 7     | 8     | 9     | 10    | 11    | 12    |
| Per dozen,    | \$9.00 | 10.50 | 12.00 | 13.50 | 15.00 | 16.50 | 18.00 |

NO. 55. SCROLL  
NARROW, BEVELED ON BOTH SIDES

|        |   |       |       |       |       |       |
|--------|---|-------|-------|-------|-------|-------|
| 6      | 7 | 8     | 9     | 10    | 11    | 12    |
| \$9.00 | - | 10.50 | 12.00 | 13.50 | 15.00 | 18.00 |

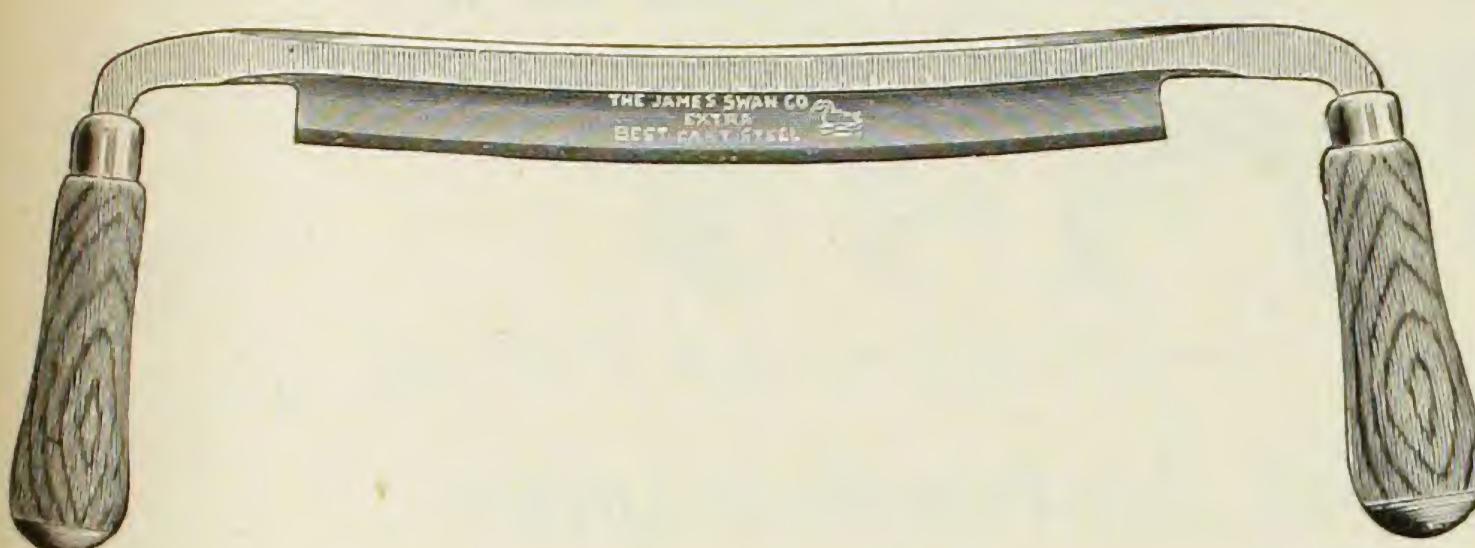
NO. 60. COACHMAKERS'  
WIDE, BEVELED ON BOTH SIDES

|               |        |       |       |       |       |       |       |
|---------------|--------|-------|-------|-------|-------|-------|-------|
| Size, inches, | 6      | 7     | 8     | 9     | 10    | 11    | 12    |
| Per dozen,    | \$9.50 | 11.00 | 12.50 | 14.00 | 15.50 | 17.00 | 18.50 |

All above, half dozen in a box.



## DRAWING KNIVES



### RAZOR BLADE DRAWING KNIVES

(BRASS CAP AND FERRULE)

Size, inches, 6    7    8    9

Per dozen, \$17.00 18.00 19.00 20.00

Size, inches, 10    11    12    13

Per dozen, \$21.00 22.00 23.00 25.00

Size, inches,    14    15    16

Per dozen,    26.00 27.00 29.00

Half dozen in a package.

Above with Ebonized Handles, Nickel-plated Ferrules, add 25 cents per dozen, net.

### EXTRA DRAWING KNIVES

(BRASS CAP AND FERRULE)

Size, inches, 6    7    8    9

Per dozen, \$16.00 17.00 18.00 19.00

Size, inches, 10    11    12    13

Per dozen, \$20.00 21.00 22.00 24.00

Size, inches,    14    15    16

Per dozen,    \$25.00 26.00 28.00

Half dozen in a package.

### NO. 1 DRAWING KNIVES

(BRASS CAP AND FERRULE)

Same Sizes and Lists as Extra.

### CARRIAGE MAKERS' DRAWING KNIVES SOLID CAST STEEL BLADES

(BRASS CAP AND FERRULE)

Size, inches, 6    7    8    9

Per dozen, \$18.00 19.00 20.00 21.00

Size, inches,    10    11    12

Per dozen,    \$22.00 23.50 26.00

Half dozen in a package.

### WAGON MAKERS' DRAWING KNIVES

(BRASS CAP AND FERRULE)

Size, inches, 6    7    8    9

Per dozen, \$18.00 19.00 20.00 21.00

Size, inches,    10    11    12

Per dozen,    \$22.00 23.50 26.00

Half dozen in a package.

### SHINGLE KNIVES

(BRASS CAP AND FERRULE)

Size, inches,    10              12

Per dozen,        \$23.00          25.00

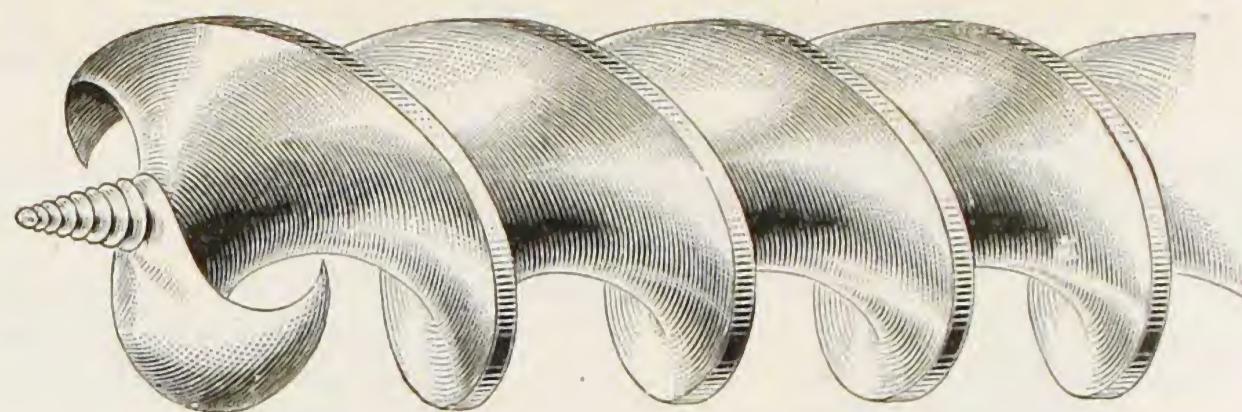
Size, inches,    14              16

Per dozen,        \$30.00          35.00

Half dozen in a package.



## COOK'S PATENT AUGERS AND BITS



Particular attention is called to the improvement in the form of the lip of these goods.

## COOK'S CAST STEEL CARPENTERS' AUGERS

|               |                |                |                |                |                |                |                 |
|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| Size, inches, | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | I              | $1\frac{1}{8}$  |
| Per dozen,    | \$6.00         | 6.00           | 7.50           | 9.00           | 10.50          | 12.00          | $1\frac{3}{50}$ |
| Size, inches, | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ | $1\frac{3}{4}$ | $1\frac{7}{8}$ | 2               |
| Per dozen,    | \$15.00        | 16.50          | 18.00          | 19.50          | 21.00          | 22.50          | 24.00           |

Half dozen in a box.

## ASSORTED IN SETS

|                                   |  |    |         |  |  |  |       |
|-----------------------------------|--|----|---------|--|--|--|-------|
| Quarters (with Rosewood Handles), |  | 41 |         |  |  |  | 28    |
| Per set,                          |  |    | \$14.50 |  |  |  | 10.50 |

One set in a wooden box.

## COOK'S CAST STEEL MILLWRIGHTS' AUGERS

Twist, 14 inches. Length over all, 33 inches. With Brass Nuts.

|               |                |                |                |               |                |                |                |
|---------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|
| Size, inches, | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$ | I              | $1\frac{1}{8}$ | $1\frac{1}{4}$ |
| Per dozen,    | \$12.00        | 15.00          | 18.00          | 21.00         | 24.00          | 28.00          | 30.00          |
| Size, inches, | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ |               | $1\frac{3}{4}$ | $1\frac{7}{8}$ | 2              |
| Per dozen,    | \$36.00        | 36.00          | 42.00          |               | 42.00          | 48.00          | 48.00          |

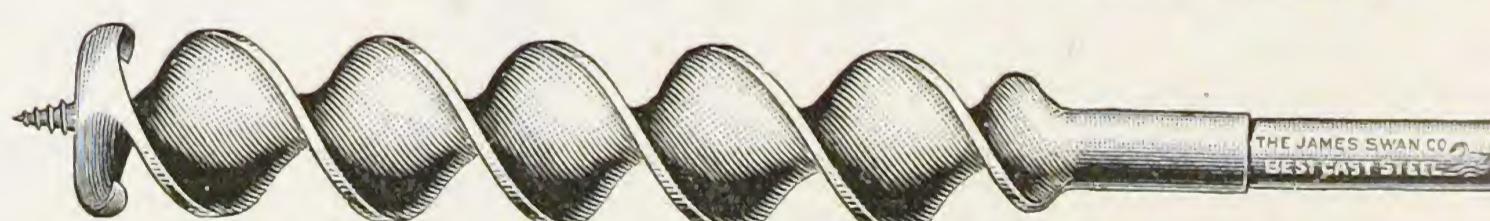
Quarter dozen in a package.

## ASSORTED IN SETS

|                                   |  |    |         |  |  |  |       |
|-----------------------------------|--|----|---------|--|--|--|-------|
| Quarters (with Rosewood Handles), |  | 41 |         |  |  |  | 28    |
| Per set,                          |  |    | \$22.50 |  |  |  | 16.00 |

Extra Black Walnut Cases, in sets,  $\frac{1}{2}$  to 2, 41 quarters, with Handles complete, \$25.00.  
One set in a wooden box.

## COOK'S BORING MACHINE AUGERS



|               |                |                |                |               |                |                |                |
|---------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|
| Size, inches, | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$ | I              | $1\frac{1}{8}$ | $1\frac{1}{4}$ |
| Per dozen,    | \$7.50         | 9.00           | 11.00          | 12.75         | 14.75          | 16.50          | 18.00          |
| Size, inches, | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ |               | $1\frac{3}{4}$ | $1\frac{7}{8}$ | 2              |
| Per dozen,    | \$21.50        | 21.50          | 24.00          |               | 24.00          | 28.50          | 28.50          |

Quarter dozen in a package.

## ASSORTED IN SETS

|           |  |    |         |  |  |  |      |
|-----------|--|----|---------|--|--|--|------|
| Quarters, |  | 41 |         |  |  |  | 18   |
| Per set,  |  |    | \$12.50 |  |  |  | 5.50 |

One set in a package.



## COOK'S RING AUGERS



|                             |                           |                         |                           |                         |                         |
|-----------------------------|---------------------------|-------------------------|---------------------------|-------------------------|-------------------------|
| Size, inches,<br>Per dozen, | $\frac{1}{2}$<br>\$7.00   | $\frac{5}{8}$<br>8.50   | $\frac{3}{4}$<br>10.00    | $\frac{7}{8}$<br>11.50  | 1<br>13.00              |
| Size, inches,<br>Per dozen, | $1\frac{1}{8}$<br>\$14.50 | $1\frac{1}{4}$<br>16.00 | $1\frac{3}{8}$<br>17.50   | $1\frac{1}{2}$<br>19.00 | $1\frac{5}{8}$<br>20.50 |
| Size, inches,<br>Per dozen, |                           |                         | $1\frac{3}{4}$<br>\$22.00 | $1\frac{7}{8}$<br>23.50 | 2<br>25.00              |

$\frac{1}{2}$  to 1 inch, half dozen in a package;  $1\frac{1}{8}$  to 2 inches, quarter dozen.

### ASSORTED IN SETS

|                       |                  |             |
|-----------------------|------------------|-------------|
| Quarters,<br>Per set, | $4^1$<br>\$14.00 | 28<br>11.00 |
|-----------------------|------------------|-------------|

One set in a wooden box.

## COOK'S CAST STEEL AUGER BITS



|                            |               |             |             |             |             |             |             |             |
|----------------------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Size, 16ths,<br>Per dozen, | 3<br>\$4.00   | 4<br>4.00   | 5<br>4.25   | 6<br>4.50   | 7<br>5.00   | 8<br>5.50   | 9<br>6.00   | 10<br>6.60  |
| Size, 16ths,<br>Per dozen, | 11<br>\$7.20  | 12<br>8.00  | 13<br>8.75  | 14<br>9.25  | 15<br>10.00 | 16<br>10.75 | 17<br>11.50 | 18<br>12.25 |
| Size, 16ths,<br>Per dozen, | 19<br>\$12.75 | 20<br>13.50 | 22<br>14.50 | 24<br>15.50 | 26<br>17.00 | 28<br>18.50 | 30<br>20.00 | 32<br>22.00 |

3 to 6 16ths, Single Twist, all other sizes Double Twist.

3 to 16 16ths, half dozen in a wooden box.

17 to 32 16ths, one-third dozen in a wooden box.

### ASSORTED IN SETS

|                                       |                                      |                       |                       |
|---------------------------------------|--------------------------------------|-----------------------|-----------------------|
| Size, 16ths,<br>Quarters,<br>Per set, | 4 to 16<br>$32\frac{1}{2}$<br>\$7.50 | 4 to 12<br>24<br>6.00 | 4 to 12<br>21<br>5.50 |
|---------------------------------------|--------------------------------------|-----------------------|-----------------------|

One set in a wooden box.

## COOK'S CAST STEEL CAR BITS

### 12-INCH TWIST

|                            |               |             |             |             |             |             |             |
|----------------------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Size, 16ths,<br>Per dozen, | 4<br>\$6.50   | 5<br>6.50   | 6<br>7.50   | 7<br>9.00   | 8<br>10.25  | 9<br>11.25  | 10<br>12.75 |
| Size, 16ths,<br>Per dozen, | 11<br>\$13.25 | 12<br>15.50 | 13<br>16.50 | 14<br>17.75 | 15<br>18.75 | 16<br>20.50 |             |

Half dozen in a box.

### ASSORTED IN SETS

|                       |                            |             |            |
|-----------------------|----------------------------|-------------|------------|
| Quarters,<br>Per set, | $32\frac{1}{2}$<br>\$14.00 | 24<br>10.50 | 21<br>9.50 |
|-----------------------|----------------------------|-------------|------------|

One set in a box.





## SWAN'S JENNINGS' PATTERN AUGER BITS



| Size, 16ths, | 3       | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    |
|--------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| Per dozen,   | \$3.40  | 3.00  | 3.40  | 3.80  | 4.40  | 4.80  | 5.20  | 5.60  | 6.10  |
| Size, 16ths, | 12      | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    |
| Per dozen,   | \$6.60  | 7.20  | 7.80  | 8.40  | 9.00  | 9.60  | 10.20 | 10.80 | 11.40 |
| Size, 16ths, | 21      | 22    | 23    | 24    | 26    | 28    | 30    | 32    |       |
| Per dozen,   | \$12.00 | 12.60 | 13.20 | 13.80 | 15.00 | 16.20 | 17.40 | 18.60 |       |

3 to 16 16ths, half dozen in a wooden box; 17 to 32 16ths, one-third dozen.

### ASSORTED IN SETS

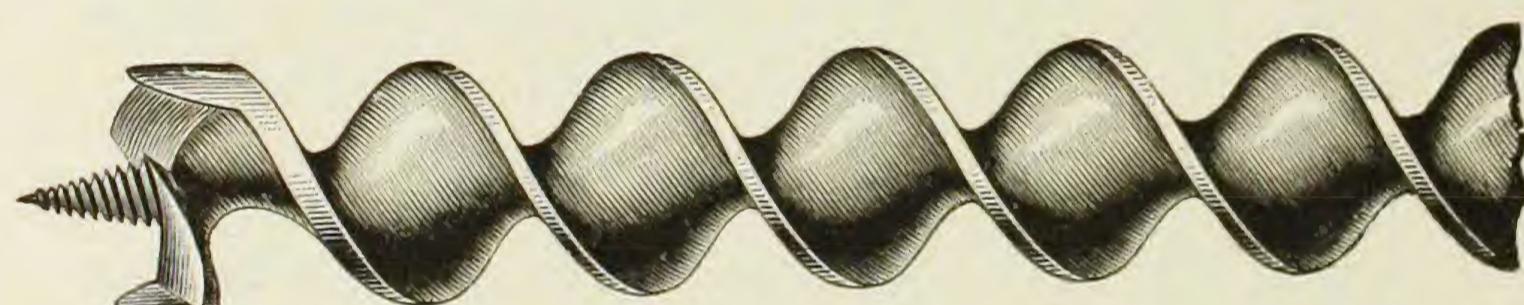
32  $\frac{1}{2}$  Quarters—1 each, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,  
per set, \$6.25  
24 Quarters—1 each, 4, 5, 6, 7, 9, 11, and 12; 2 each, 8, and 10,  
“ “ 4.75  
One set in a box.

## SWAN'S JENNINGS' PATTERN AUGER BITS

WITH BLACK LIP. SAME LIST AS EXTRA BITS

Also furnished in Millimeter sizes when so specified.

## SWAN'S JENNINGS' PATTERN CAR BITS



12-INCH TWIST

| Size, 16ths, | 4      | 5    | 6    | 7    | 8    | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    |
|--------------|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Per dozen,   | \$6.00 | 6.80 | 7.60 | 8.80 | 9.60 | 10.40 | 11.20 | 12.20 | 13.20 | 14.40 | 15.60 | 16.80 | 18.00 |

Half dozen in a box.

### ASSORTED IN SETS

Quarters, 32  $\frac{1}{2}$ , per set, \$12.50; 24, per set, \$9.50  
One set in a box.

## SWAN'S JENNINGS' PATTERN CAST STEEL MACHINE BITS

6 INCH TWIST, Shank  $\frac{1}{2}$  inch diameter, 2 inches long.

3, 4, 9, and 12 inch Twist made to order. Prices on application.

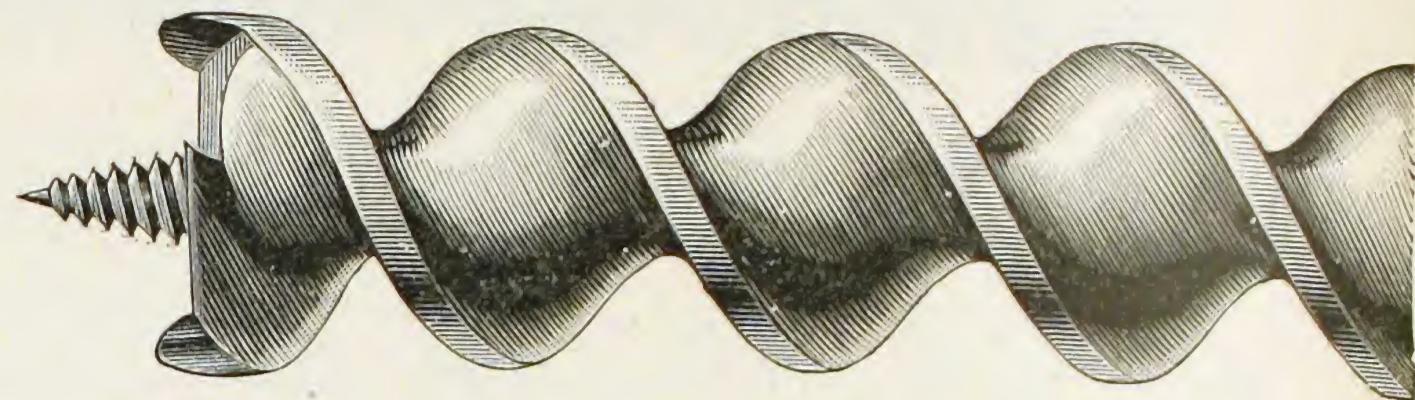
| Size, 16ths, | 4       | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12   |
|--------------|---------|-------|-------|-------|-------|-------|-------|-------|------|
| Per dozen,   | \$4.50  | 5.10  | 5.70  | 6.60  | 7.20  | 7.80  | 8.40  | 9.15  | 9.90 |
| Size, 16ths, | 13      | 14    | 15    | 16    | 17    | 18    | 19    | 20    |      |
| Per dozen,   | \$10.80 | 11.70 | 12.60 | 13.50 | 14.40 | 15.30 | 16.20 | 17.10 |      |
| Size, 16ths, | 21      | 22    | 23    | 24    | 26    | 28    | 30    | 32    |      |
| Per dozen,   | \$18.00 | 18.90 | 19.80 | 20.70 | 22.50 | 24.30 | 26.10 | 27.90 |      |

4 to 16 16ths, half dozen in a box; 17 to 32 16ths, quarter dozen.



## NO. 7 PERFECT AUGER BITS

PATENTED IN ENGLAND, DECEMBER 6, 1883.  
PATENTED IN UNITED STATES, DECEMBER 25, 1883.



Made with concave spur by improved and patented machinery, insuring exactness of sizes and ease and rapidity in boring, either in hard or soft wood.

| Size, 16ths,  | 3      | 4    | 5    | 6    | 7    | 8     | 9     | 10    | 11    |
|---|--------|------|------|------|------|-------|-------|-------|-------|
| Per dozen,  | \$4.00 | 3.50 | 3.50 | 3.75 | 3.75 | 4.00  | 4.25  | 4.50  | 5.00  |
| Size, 16ths,  | 12     | 13   | 14   | 15   | 16   | 18    | 20    | 22    | 24    |
| Per dozen,  | \$5.50 | 6.00 | 6.50 | 7.25 | 8.00 | 10.00 | 11.00 | 12.00 | 14.00 |
| 3 to 16 16ths, half dozen in a wooden box; 18 to 24 16ths, one-third dozen. |        |      |      |      |      |       |       |       |       |

### ASSORTED IN SETS

|           |  |                          |  |      |  |        |
|-----------|--|--------------------------|--|------|--|--------|
| Quarters, |  | 21                       |  | 24   |  | 32 1/2 |
| Per set,  |  | \$3.80                   |  | 4.25 |  | 5.75   |
|           |  | One set in a wooden box. |  |      |  |        |

## NO. 7 PERFECT CAR BITS

### 12-INCH TWIST

|                      |        |      |      |      |       |       |       |       |       |       |       |       |       |
|----------------------|--------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Size, 16ths,         | 4      | 5    | 6    | 7    | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    |
| Per dozen,           | \$6.50 | 6.50 | 7.50 | 9.00 | 10.25 | 11.25 | 12.75 | 13.25 | 15.50 | 16.50 | 17.75 | 18.75 | 20.50 |
| Half dozen in a box. |        |      |      |      |       |       |       |       |       |       |       |       |       |

### ASSORTED IN SETS

|           |  |                   |  |       |  |        |
|-----------|--|-------------------|--|-------|--|--------|
| Quarters, |  | 21                |  | 24    |  | 32 1/2 |
| Per set,  |  | \$9.50            |  | 10.50 |  | 14.00  |
|           |  | One set in a box. |  |       |  |        |

## NO. 7 PERFECT AUGERS

### WITH BRASS NUTS

|                      |        |      |      |      |      |       |       |       |       |       |       |
|----------------------|--------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| Size, inches,        | 3/8    | 1/2  | 5/8  | 3/4  | 7/8  | 1     | 1 1/8 | 1 1/4 | 1 1/2 | 1 3/4 | 2     |
| Per dozen,           | \$6.00 | 6.00 | 7.00 | 8.00 | 9.00 | 10.00 | 11.00 | 12.00 | 15.00 | 18.00 | 22.00 |
| Half dozen in a box. |        |      |      |      |      |       |       |       |       |       |       |

## NO. 7 PERFECT BORING MACHINE AUGERS

|                             |         |       |       |       |       |       |       |       |       |       |       |
|-----------------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Size, inches,               | 1/4     | 1/2   | 5/8   | 3/4   | 7/8   | 1     | 1 1/8 | 1 1/4 | 1 1/2 | 1 3/4 | 2     |
| Per dozen,                  | \$10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 12.00 | 13.00 | 14.00 | 17.00 | 20.00 | 24.00 |
| Quarter dozen in a package. |         |       |       |       |       |       |       |       |       |       |       |

### ASSORTED IN SETS

|   |  |  |  |  |  |  |  |  |  |  |                       |
|---|--|--|--|--|--|--|--|--|--|--|-----------------------|
| 18 Quarters—1, 1 1/2, and 2 inches,                                   |  |  |  |  |  |  |  |  |  |  | per set, \$4.60       |
| 23 Quarters—1, 1 1/4, 1 1/2, and 2 inches,                            |  |  |  |  |  |  |  |  |  |  | " " 5.70              |
| 28 Quarters—1/2, 3/4, 1, 1 1/4, 1 1/2, and 2 inches,                  |  |  |  |  |  |  |  |  |  |  | " " 7.25              |
| 41 Quarters—1/2, 5/8, 3/4, 7/8, 1, 1 1/4, 1 1/2, 1 3/4, and 2 inches, |  |  |  |  |  |  |  |  |  |  | " " 10.60             |
|   |  |  |  |  |  |  |  |  |  |  | One set in a package. |



## SHORT RING AUGERS, BLACK LIP



|                             |                |                |                |               |                |                |                |                |                |
|-----------------------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|
| Size, inches,<br>Per dozen, | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$ | $\frac{7}{8}$  | 1              | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ |
|                             | \$8.50         | 8.50           | 9.50           | 10.50         | 11.50          | 12.50          | 13.50          | 14.50          | 17.50          |
| Size, inches,<br>Per dozen, | $1\frac{1}{2}$ | $1\frac{5}{8}$ | $1\frac{3}{4}$ | 2             | $2\frac{1}{4}$ | $2\frac{1}{2}$ | 3              | $3\frac{1}{2}$ | 4              |
|                             | \$17.50        | 20.50          | 20.50          | 24.50         | 42.50          | 52.50          | 74.50          | 94.50          | 124.50         |

To 1 inch, half dozen in a package; larger, quarter dozen.

## LONG RING AUGERS, BLACK LIP



|                             |                |                |                |                |               |                |                |                |                |                |
|-----------------------------|----------------|----------------|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|
| Size, inches,<br>Per dozen, | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$ | 1              | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ |
|                             | \$9.00         | 9.00           | 10.00          | 11.00          | 12.00         | 13.00          | 14.00          | 15.00          | 18.00          | 18.00          |
| Size, inches,<br>Per dozen, | $1\frac{1}{8}$ | $1\frac{5}{8}$ | $1\frac{3}{4}$ | $1\frac{7}{8}$ | 2             | $2\frac{1}{4}$ | $2\frac{1}{2}$ | 3              | $3\frac{1}{2}$ | 4              |
|                             | \$21.00        | 21.00          | 25.00          | 25.00          | 43.00         | 53.00          | 75.00          | 95.00          | 125.00         |                |
| Size, 16ths,<br>Per dozen,  |                |                |                | 5              | 7             | 9              | 11             | 13             | 15             |                |
|                             |                |                |                | \$9.00         | 9.00          | 10.00          | 11.00          | 12.00          | 13.00          | 13.00          |

To 1 inch, half dozen in a package; larger, quarter dozen.

## LONG RING CAST STEEL BRIGHT LIP OR CUBAN AUGERS



|                             |                |                |                |                |                |                |                |                |
|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Size, inches,<br>Per dozen, | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1              | $1\frac{1}{8}$ | $1\frac{1}{4}$ |
|                             | \$10.00        | 10.00          | 11.00          | 12.00          | 13.00          | 14.00          | 15.00          | 16.00          |
| Size, inches,<br>Per dozen, | $1\frac{1}{8}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ | $1\frac{3}{4}$ | $1\frac{7}{8}$ | 2              | $2\frac{1}{8}$ | $2\frac{1}{4}$ |
|                             | \$19.00        | 19.00          | 22.00          | 22.00          | 26.00          | 26.00          | 44.00          | 44.00          |
| Size, inches,<br>Per dozen, | $2\frac{1}{2}$ | $2\frac{3}{4}$ | 3              | $3\frac{1}{4}$ | $3\frac{1}{2}$ | $3\frac{3}{4}$ | 4              |                |
|                             | \$54.00        | 66.00          | 76.00          | 86.00          | 69.00          | 106.00         | 126.00         |                |
| Size, 16ths,<br>Per dozen,  |                |                | 5              | 7              | 9              | 11             | 13             | 15             |
|                             |                |                | \$10.00        | 10.00          | 11.00          | 12.00          | 13.00          | 14.00          |

To 1 inch, half dozen in a package; larger, quarter dozen.

## CAST STEEL MILLWRIGHTS' AUGERS



|  |                |                |                 |                |                 |                |
|--|----------------|----------------|-----------------|----------------|-----------------|----------------|
| <small>14 INCH TWIST, 33 inches long, Solid Steel, Brass Nuts.</small> |                |                |                 |                |                 |                |
| Size, inches,<br>Per dozen,  | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{9}{16}$  | $\frac{5}{8}$  | $\frac{11}{16}$ | $\frac{3}{4}$  |
|  | \$12.00        | 12.00          | 15.00           | 15.00          | 18.00           | 18.00          |
| Size, inches,<br>Per dozen,  | $1\frac{3}{8}$ | $\frac{7}{8}$  | $\frac{15}{16}$ | 1              | $1\frac{1}{8}$  | $1\frac{1}{4}$ |
|  | \$21.00        | 21.00          | 24.00           | 24.00          | 26.00           | 30.00          |
| Size, inches,<br>Per dozen,  | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$  | $1\frac{1}{4}$ | $1\frac{7}{8}$  | 2              |
|  | \$36.00        | 38.50          | 42.00           | 42.00          | 45.00           | 48.00          |

Quarter dozen in a package.

## ASSORTED IN SETS

28 Quarters— $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , 2,  
per set, \$18.00  
" " 24.00

41 Quarters— $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2,

Millwrights' Augers, with Rings, furnished to order at an advance of \$1.50 on List Prices.

## RAFTING AUGERS



|                             |                |                |                |       |                |                |                |        |                |        |
|-----------------------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|--------|----------------|--------|
| Size, inches,<br>Per dozen, | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2     | $2\frac{1}{4}$ | $2\frac{1}{2}$ | $2\frac{3}{4}$ | 3      | $3\frac{1}{2}$ | 4      |
|                             | \$27.00        | 30.00          | 36.00          | 42.00 | 60.00          | 70.00          | 85.00          | 100.00 | 120.00         | 140.00 |

Quarter dozen in a package.



## EXTRA CAST STEEL AUGERS



|               |               |                |                |                |               |       |                |                |                |                |                |                |
|---------------|---------------|----------------|----------------|----------------|---------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|
| Size, inches, | $\frac{3}{8}$ | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$ | 1     | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ |
| Per dozen,    | \$6.00        | 6.00           | 7.00           | 8.00           | 9.00          | 10.00 | 11.00          | 12.00          | 13.00          | 14.00          | 15.00          | 18.00          |
| Size, inches, | 2             | $2\frac{1}{4}$ | $2\frac{1}{2}$ | $2\frac{3}{4}$ | 3             | 3     | $3\frac{1}{4}$ | $3\frac{1}{2}$ | $3\frac{3}{4}$ | 4              | 5.00           | 12.00          |
| Per dozen,    | \$22.00       | 40.00          | 50.00          | 60.00          | 70.00         | 80.00 | 90.00          | 100.00         | 110.00         | 120.00         |                |                |

$\frac{3}{8}$  to 2 inches, half dozen in a box;  $2\frac{1}{4}$  to 4 inches, quarter dozen in a package.

## ASSORTED IN SETS

41 Quarters— $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ , 2,  
28 Quarters— $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ , 2,

per set, \$9.25  
" " 6.25

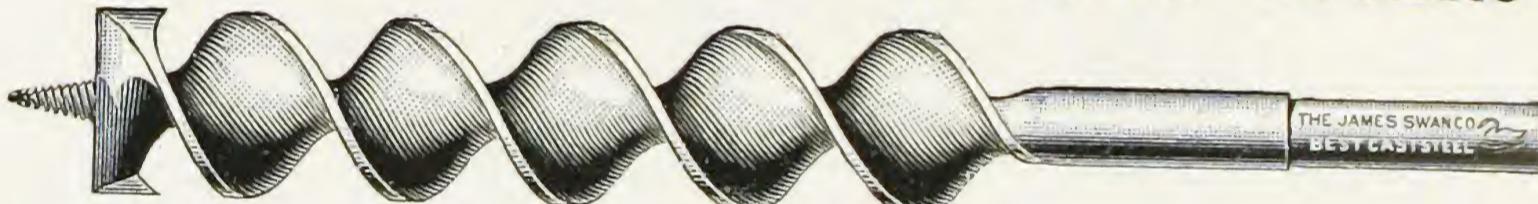
## NO. 1, CAST STEEL AUGERS



|               |               |                |                |                |                |                |                |
|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Size, inches, | $\frac{3}{8}$ | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1              | $1\frac{1}{8}$ |
| Per dozen,    | \$6.00        | 6.00           | 7.00           | 8.00           | 9.00           | 10.00          | 11.00          |
| Size, inches, |               | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{5}{8}$ | $1\frac{3}{4}$ | 2              |
| Per dozen,    | \$12.00       | 15.00          | 15.00          | 15.00          | 18.00          | 18.00          | 22.00          |

Half dozen in a box.

## CAST STEEL BORING MACHINE AUGERS



|               |               |                |                |                |                |                |       |
|---------------|---------------|----------------|----------------|----------------|----------------|----------------|-------|
| Size, inches, | $\frac{1}{4}$ | $\frac{3}{8}$  | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1     |
| Per dozen,    | \$10.00       | 10.00          | 10.00          | 10.00          | 10.00          | 10.00          | 12.00 |
| Size, inches, |               | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2     |
| Per dozen,    | \$13.00       | 14.00          | 16.00          | 17.00          | 17.00          | 20.00          | 24.00 |

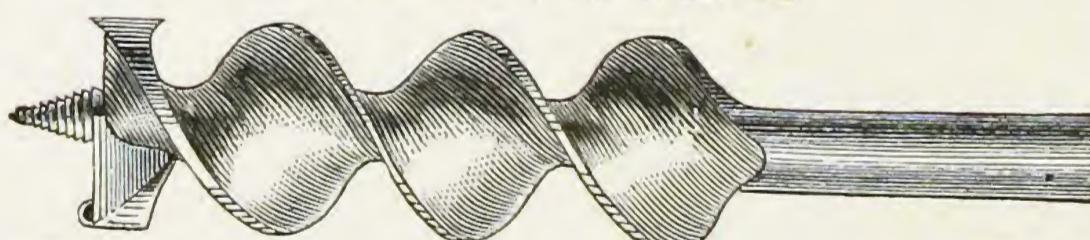
Quarter dozen in a package.

## ASSORTED IN SETS

|           |        |      |      |       |
|-----------|--------|------|------|-------|
| Quarters, | 18     | 23   | 28   | 41    |
| Per set,  | \$4.60 | 5.70 | 7.25 | 10.60 |

One set in a package.

## POST AUGERS



|               |               |                |                |       |
|---------------|---------------|----------------|----------------|-------|
| Size, inches, | $\frac{2}{3}$ | $2\frac{1}{4}$ | $2\frac{1}{2}$ | 3     |
| Per dozen,    | \$20.00       | 24.00          | 30.00          | 40.00 |

## SUPERIOR GAS FITTERS' AUGERS



|               |                |                |                |                |       |
|---------------|----------------|----------------|----------------|----------------|-------|
| Size, inches, | $\frac{1}{2}$  | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1     |
| Per dozen,    | \$8.25         | 10.00          | 11.00          | 13.75          | 15.50 |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2     |
| Per dozen,    | 17.75          | 17.75          | 20.00          | 23.00          | 26.50 |

Quarter dozen in a package.



## EXTRA CAST STEEL BITS



| Size, 16ths, | 3       | 4     | 5     | 6     | 7     | 8     | 9    | 10    |
|--------------|---------|-------|-------|-------|-------|-------|------|-------|
| Per dozen,   | \$4.00  | 3.50  | 3.50  | 3.75  | 3.75  | 4.00  | 4.25 | 4.50  |
| Size, 16ths, | 11      | 12    | 13    | 14    | 15    | 16    | 17   | 18    |
| Per dozen,   | \$5.00  | 5.50  | 6.00  | 6.50  | 7.25  | 8.00  | 9.00 | 10.00 |
| Size, 16ths, | 20      | 22    | 24    | 26    | 28    | 30    | 32   |       |
| Per dozen,   | \$11.00 | 12.00 | 14.00 | 15.00 | 16.00 | 18.00 |      | 20.00 |

3 to 11 16ths, one dozen in a box; 12 to 16 16ths, half dozen; 17 to 32 16ths, one-third dozen.

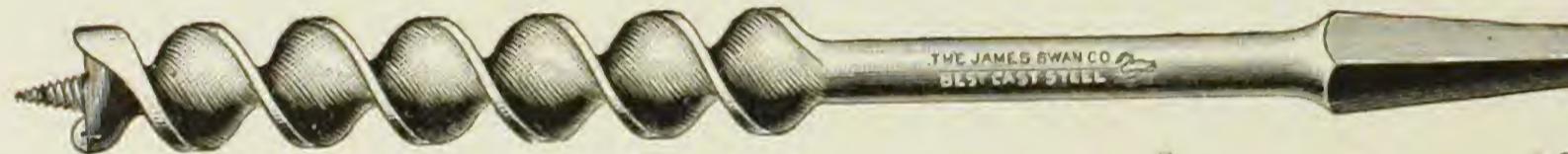
### ASSORTED IN SETS

| Sizes, 16ths, | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | per set, \$5.75 |
|---------------|---|---|---|---|---|---|----|----|----|----|----|----|----|-----------------|
| 32½ Quarters, | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1  | " "             |
| 24 " "        | 1 | 1 | 2 | 1 | 2 | 1 | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 4.25            |
| 21 " "        | 2 | 1 | 1 | 1 | 2 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3.80            |
| 21 " "        | 1 | 1 | 3 | 3 | 2 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3.95            |
| 20½ " "       | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3.70            |
| 18 " "        | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 3.25            |
| 14 " "        | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2.50            |

One set in a box.

Also furnished in Millimeter sizes when so specified.

## NO. 1 CAST STEEL BITS



| Size, 16ths, | 3      | 4    | 5    | 6    | 7     | 8     | 9     | 10    | 11   | 12   |
|--------------|--------|------|------|------|-------|-------|-------|-------|------|------|
| Per dozen,   | \$4.00 | 3.50 | 3.50 | 3.75 | 3.75  | 4.00  | 4.25  | 4.50  | 5.00 | 5.50 |
| Size, 16ths, | 13     | 14   | 15   | 16   | 18    | 20    | 22    | 24    |      |      |
| Per dozen,   | \$6.00 | 6.50 | 7.25 | 8.00 | 10.00 | 11.00 | 12.00 | 14.00 |      |      |

### ASSORTED IN SETS

Same as Extra Bits above.

3 to 11 16ths, one dozen in a box; 12 to 16 16ths, half dozen; 18 to 24 16ths, one-third dozen.

Sets, one set in a box.

Also furnished in Millimeter sizes when so specified.

## EXTRA CAST STEEL CAR BITS



### 12-INCH TWIST

| Size, 16ths, | 4       | 5     | 6     | 7     | 8     | 9     | 10    |
|--------------|---------|-------|-------|-------|-------|-------|-------|
| Per dozen,   | \$6.50  | 6.50  | 7.50  | 9.00  | 10.25 | 11.25 | 12.75 |
| Size, 16ths, | 11      | 12    | 13    | 14    | 15    | 15    | 16    |
| Per dozen,   | \$13.25 | 15.50 | 16.50 | 17.75 | 18.75 |       | 20.50 |

Half dozen in a box.

### ASSORTED IN SETS

|                       |         |       |      |
|-----------------------|---------|-------|------|
| Quarters,<br>Per set, | 32 ½    | 24    | 21   |
|                       | \$14.00 | 10.50 | 9.50 |

## EXTRA CAST STEEL PLUG AND SUGAR BITS

Same sizes and List Price as Extra Bits.

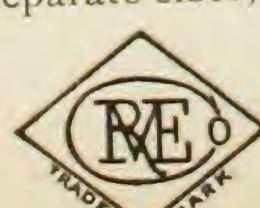
4 to 11 16ths, one dozen in a box; 12 to 32 16ths, half dozen.

## EXTRA CAST STEEL HANDLED AUGER BITS

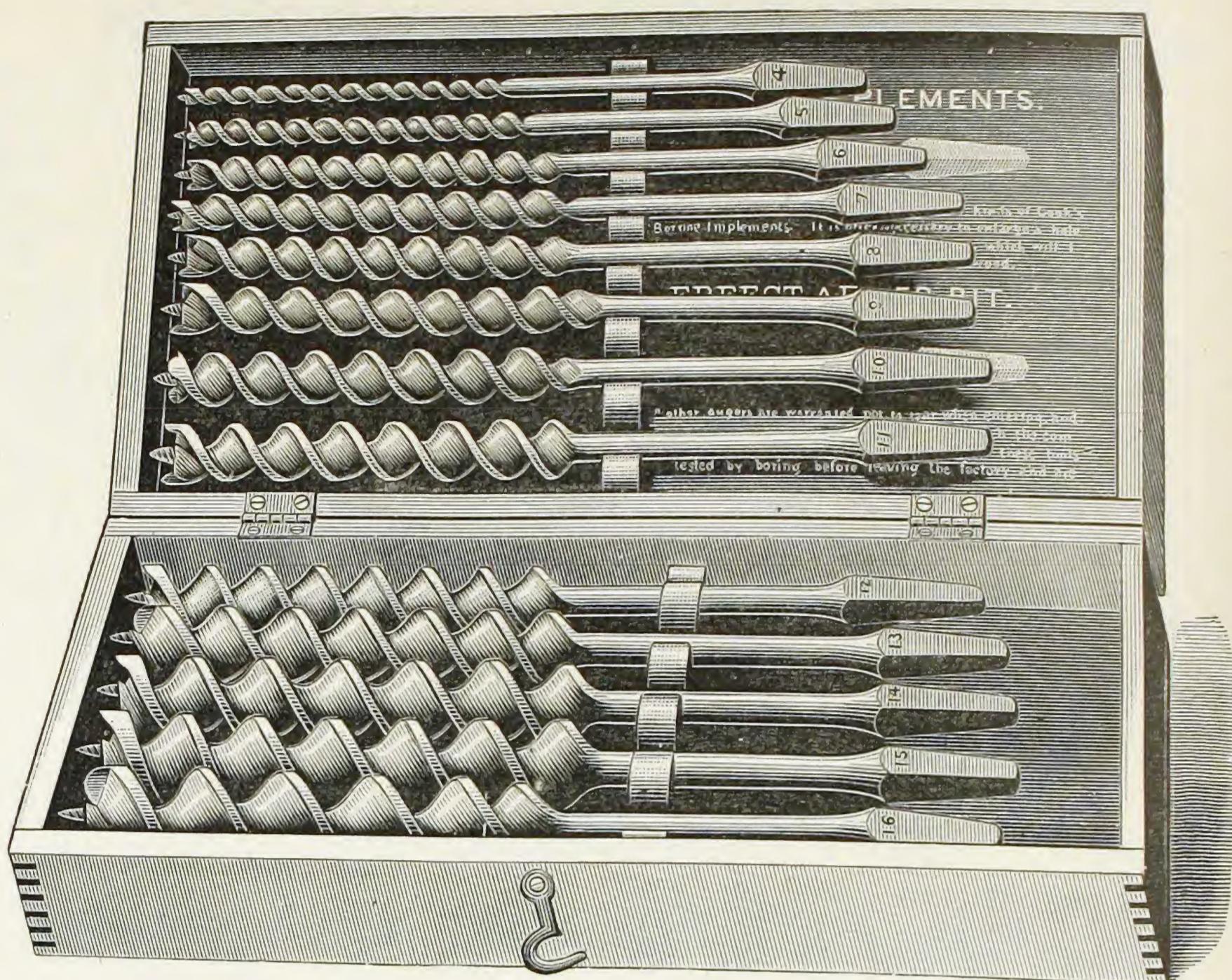
|  |                   |
|--|-------------------|
| Assorted, 4 to 8 16ths (12)—2 each, 5, 6, 7, 8; 4 of 4 16ths,    | per dozen, \$4.00 |
| " 4 to 12 16ths (12)—2 each, 4, 5, 6, 7, 8; 1 each 10, 12 16ths, | " " 4.25          |

One dozen in a box.

Handled Auger Bits in separate sizes, same List as Extra Bits.



## BITS, ASSORTED IN WOODEN BOXES



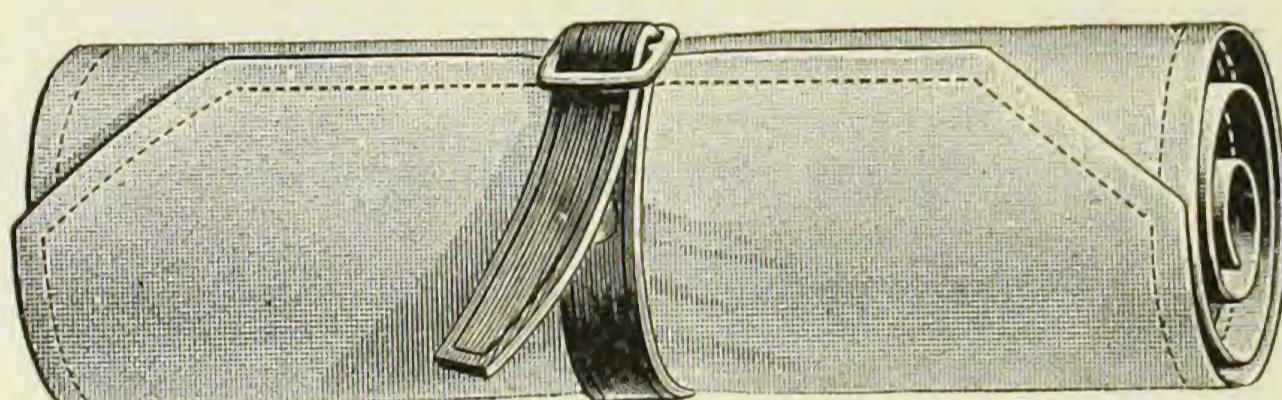
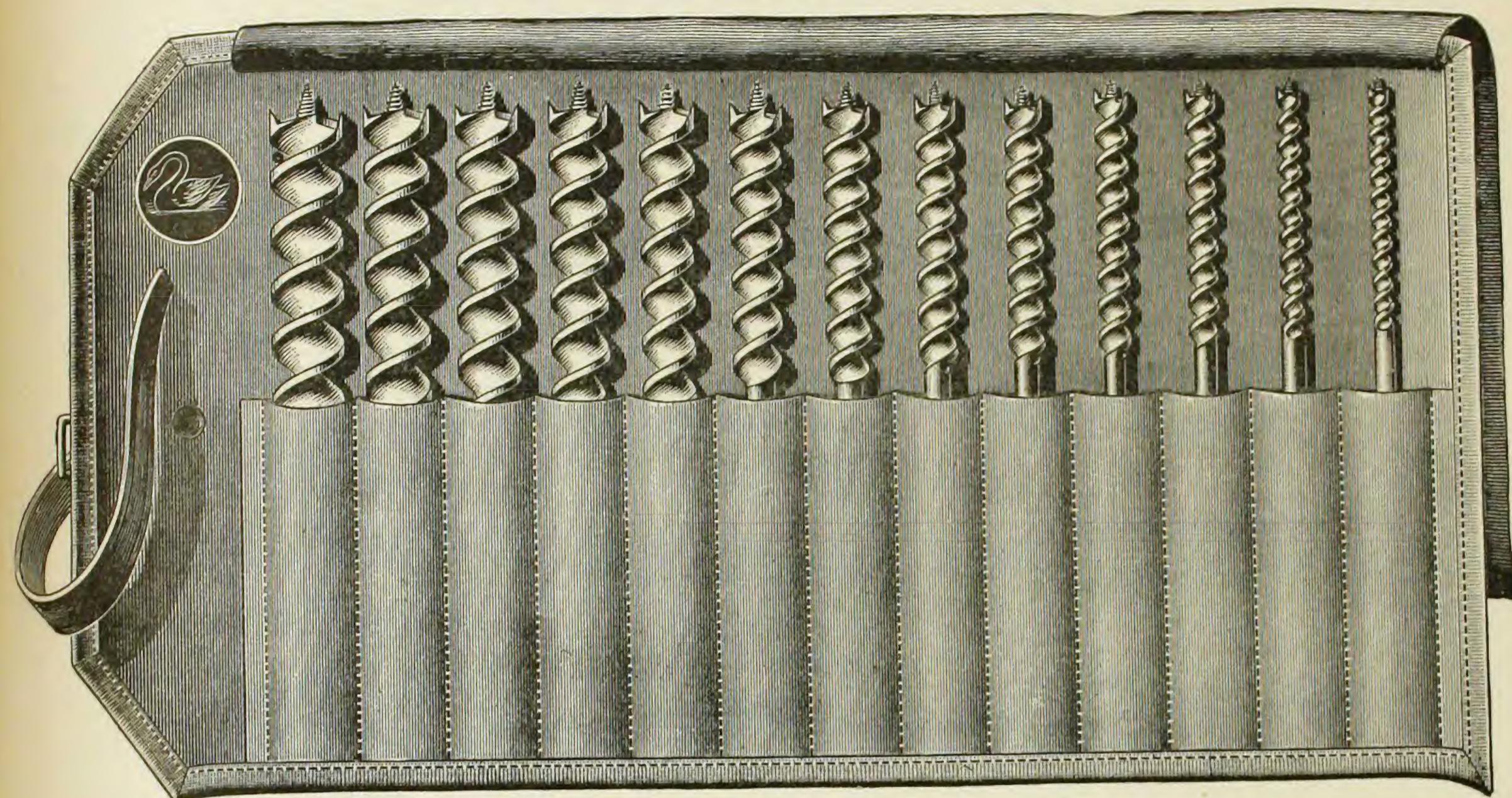
For the convenience of Mechanics and Wood-workers we are now packing our Auger Bits in boxes as above illustrated. These boxes are made of hard wood, with patented spring racks that hold the Bits securely in their places. The holding springs may be made tighter or looser, as desired.

All of our Auger Bits packed in this manner are carefully selected, and are fully warranted.

| No. | $32\frac{1}{2}$   | Extra Bits, packed in Chestnut Boxes,             | 13 Bits, Assorted 4 to 16 16ths,   | Per set. |
|-----|-------------------|---|--|----------|
| No. | $20\frac{1}{2}$   | " " "   | " 9 Bits, 1 each, 4, 5, 6, 7, 8, 10,<br>12, 14, 16,                      | \$3.25   |
| No. | 18                | " " "   | " 9 Bits, 1 each, 4, 5, 6, 7, 8, 9,<br>10, 11, 12,                       | 2.50     |
| No. | 14                | " " "   | " 6 Bits, 1 each, 4, 6, 8, 10, 12, 16,                                   | 2.25     |
| No. | $132\frac{1}{2}$  | No. 1 Bits,                                       | " 13 Bits, Assorted 4 to 16 16ths,                                       | 2.00     |
| No. | $120\frac{1}{2}$  | " " "   | " 9 Bits, 1 each, 4, 5, 6, 7, 8, 10,<br>12, 14, 16,                      | 3.00     |
| No. | 118               | " " "   | " 9 Bits, 1 each, 4, 5, 6, 7, 8, 9,<br>10, 11, 12,                       | 2.25     |
| No. | 114               | " " "   | " 6 Bits, 1 each, 4, 6, 8, 10, 12, 16,                                   | 2.00     |
| No. | $732\frac{1}{2}$  | No. 7 Perfect Bits, packed in Black Walnut Boxes, | 13 Bits, Assorted 4 to 16 16ths,   | 1.75     |
| No. | $1732\frac{1}{2}$ | " " "   | Chestnut Boxes, 13 Bits, Assorted 4 to<br>16 16ths,                      | 4.00     |
| No. | $832\frac{1}{2}$  | Jennings' Pattern,                                | Black Walnut Boxes, 13 Bits, Assorted 4 to<br>16 16ths,                  | 3.75     |
| No. | $1832\frac{1}{2}$ | " " "   | Chestnut Boxes, 13 Bits, Assorted 4 to<br>16 16ths,                      | 5.00     |
| No. | $2832\frac{1}{2}$ | " " "   | Black Lip, packed in Chestnut Boxes, 13 Bits,<br>Assorted 4 to 16 16ths, | 4.75     |
| No. | $932\frac{1}{2}$  | Cook's patent,                                    | packed in Black Walnut Boxes, 13 Bits, Assorted<br>4 to 16 16ths,        | 3.00     |
| No. | $1932\frac{1}{2}$ | " " "   | Chestnut Boxes, 13 Bits, Assorted 4 to<br>16 16ths,                      | 5.00     |
|     |                   |   |  | 4.75     |



## BITS, ASSORTED IN CANVAS ROLLS



Cuts illustrate a Flexible Canvas Roll, open and closed. These rolls are made of heavy, slate colored canvas, properly lined with canton flannel and extra flap. Securely holding each bit in its separate pocket.

It measures, with the bits complete when rolled up,  $3 \times 11$  inches.

All Auger Bits packed in this manner are carefully selected and fully warranted.

|           |                    |                                 |                 |
|-----------|--------------------|---------------------------------|-----------------|
| No. 032½  | Extra,             | 13 Bits, 1 each, 4 to 16 16ths, | per set, \$3.25 |
| No. 0132½ | No. 1,             | 13 " 1 " 4 to 16 16ths,         | " " 3.00        |
| No. 0832½ | Jennings' Pattern, | 13 " 1 " 4 to 16 16ths,         | " " 5.00        |
| No. 0932½ | Cook's Patent,     | 13 " 1 " 4 to 16 16ths,         | " " 5.00        |

One Roll, complete with bits in a package.'



# EXTRA CAST STEEL MACHINE BITS



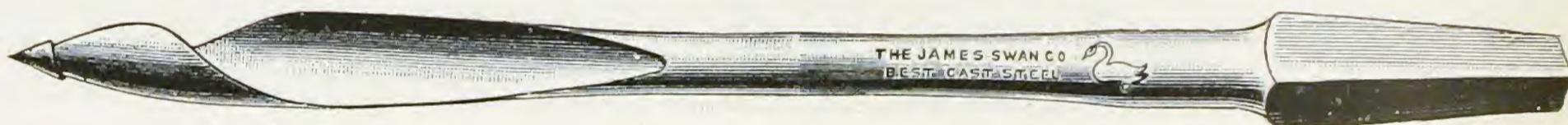
6 INCH TWIST, Shank  $\frac{1}{2}$  inch diameter, 2 inches long.  
3, 4, 9, and 12 inch Twist made to order. Prices on application.

|              |         |       |       |       |       |       |       |       |       |
|--------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| Size, 16ths, | 4       | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    |
| Per dozen,   | \$4.50  | 5.10  | 5.70  | 6.60  | 7.20  | 7.80  | 8.40  | 9.15  | 9.90  |
| Size, 16ths, | 13      | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    |
| Per dozen,   | \$10.80 | 11.70 | 12.60 | 13.50 | 14.40 | 15.30 | 16.20 | 17.10 | 18.00 |
| Size, 16ths, | 21      | 22    | 23    | 24    | 26    | 28    | 30    | 32    | 34    |
| Per dozen,   | \$18.00 | 18.90 | 19.80 | 20.70 | 22.50 | 24.30 | 26.10 | 27.90 | 29.70 |

## **EXTRA CAST STEEL DOWEL BITS**

## LONG AND SHORT

# SWAN'S GERMAN GIMLET BITS



Size, 32ds, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,  
Assorted, 4 to 8 32ds,

per dozen, \$1.00  
" " 1.00

One dozen in a box.

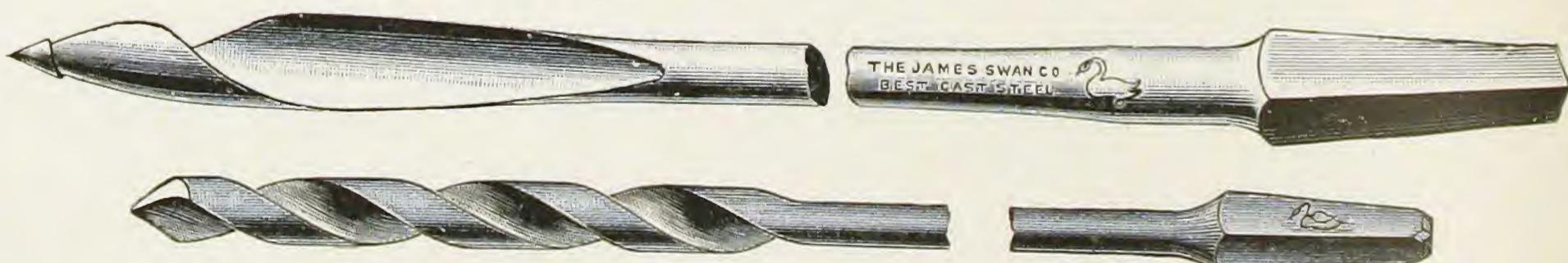
# SWAN'S TWIST DRILLS FOR WOOD



|  |        |      |      |      |      |      |      |      |                            |
|--|--------|------|------|------|------|------|------|------|----------------------------|
| Size, 32ds,  | 2      | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10                         |
| Per dozen,   | \$1.60 | 1.60 | 1.60 | 1.75 | 2.00 | 2.50 | 3.00 | 3.50 | 3.50                       |
| Size, 32ds,  | 11     | 12   | 13   | 14   | 15   | 16   | 17   | 18   | 19                         |
| Per dozen,   | \$4.00 | 4.00 | 4.50 | 4.50 | 5.00 | 5.00 | 5.50 | 5.50 | 6.00                       |
| Assorted (1 each, 4, 5, 6, 7, 8, 10, 12, 14, 16, 18 32ds), |        |      |      |      |      |      |      |      | per set, \$2.75            |
|  |        |      |      |      |      |      |      |      | One dozen in a wooden box. |

# EXTRA LENGTH GERMAN BITS AND TWIST DRILLS

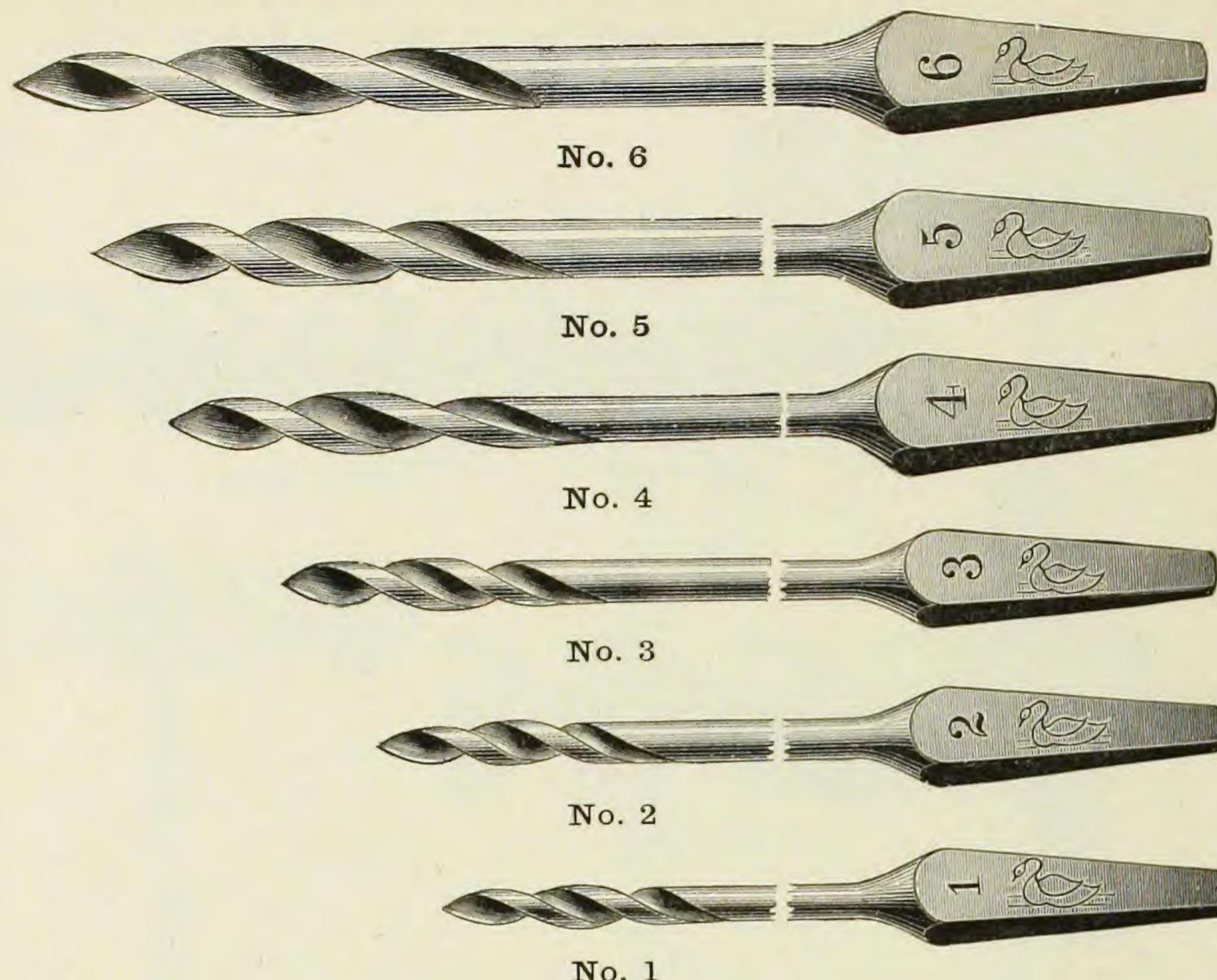
For Bell Hangers, Telephone and Telegraph Work.



| Size, 32ds,        |               | 6     | 8     | 10    | 12    | 14    | 16    | 18    | 20    |
|--------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Length, 12 inches, | per dozen, \$ | 5.00  | 5.00  | 5.50  | 6.00  | 7.00  | 8.00  | 9.00  | 10.00 |
| " 18 "             | " "           | 7.00  | 7.00  | 7.50  | 8.00  | 9.00  | 10.00 | 11.00 | 12.00 |
| " 24 "             | " "           | 9.00  | 9.00  | 9.50  | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 |
| " 30 "             | " "           | 11.00 | 11.00 | 12.00 | 12.00 | 13.00 | 14.00 | 15.00 | 15.00 |
| " 36 "             | " "           | 13.00 | 13.00 | 13.00 | 13.00 | 14.00 | 15.00 | 16.00 | 16.00 |



## DOUBLE CUT GIMLETS AND BITS



## DOUBLE CUT GIMLET BITS

| Nos.       | 1      | 2        | 3    | 4        | 5    | 6    | Assorted 1 to 6 |
|------------|--------|----------|------|----------|------|------|-----------------|
| Per dozen, | \$1.00 | 1.12 1/2 | 1.25 | 1.37 1/2 | 1.50 | 1.62 | 1.25            |

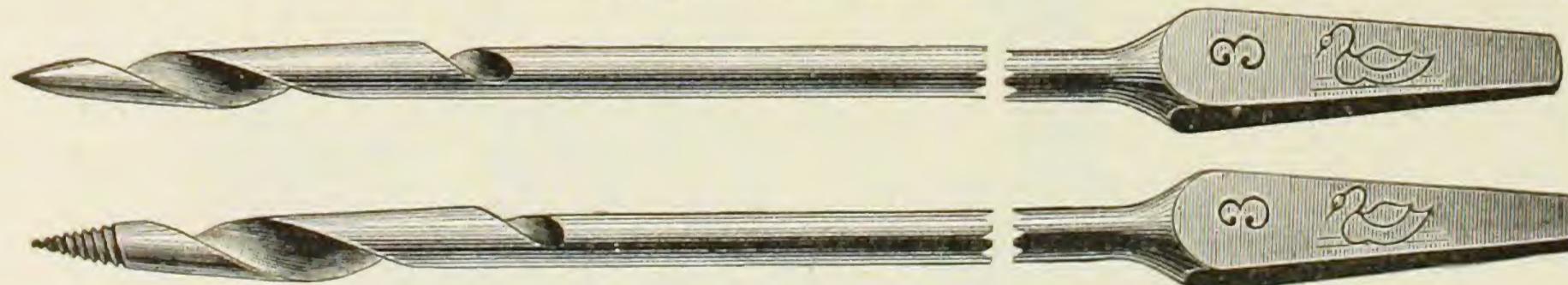
One dozen in a box. Assorted, three dozen in a box.

## DOUBLE CUT GIMLET, COCOA HEAD

| Nos.       | 1      | 2    | 3    | 4     | Assorted 1 to 4 |
|------------|--------|------|------|-------|-----------------|
| Per gross, | \$7.50 | 8.50 | 9.50 | 10.50 | 10.00           |

One-third gross in a box.

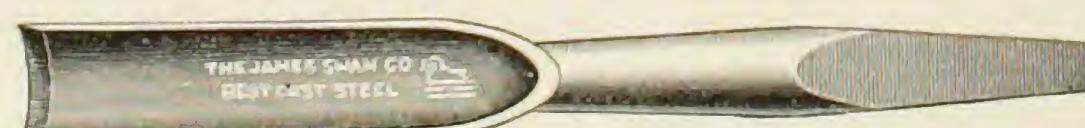
## GIMLET BITS



Without screw, Assorted, Nos. 1 to 6,  
With " " Nos. 1 to 6,  
Quarter gross in a box.

per gross, \$9.00  
" " 7.50

## CARRIAGE MAKERS' PLUG CUTTERS



Size, inches,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{9}{16}$ ,  $\frac{5}{8}$ ,  
Half dozen in a box.

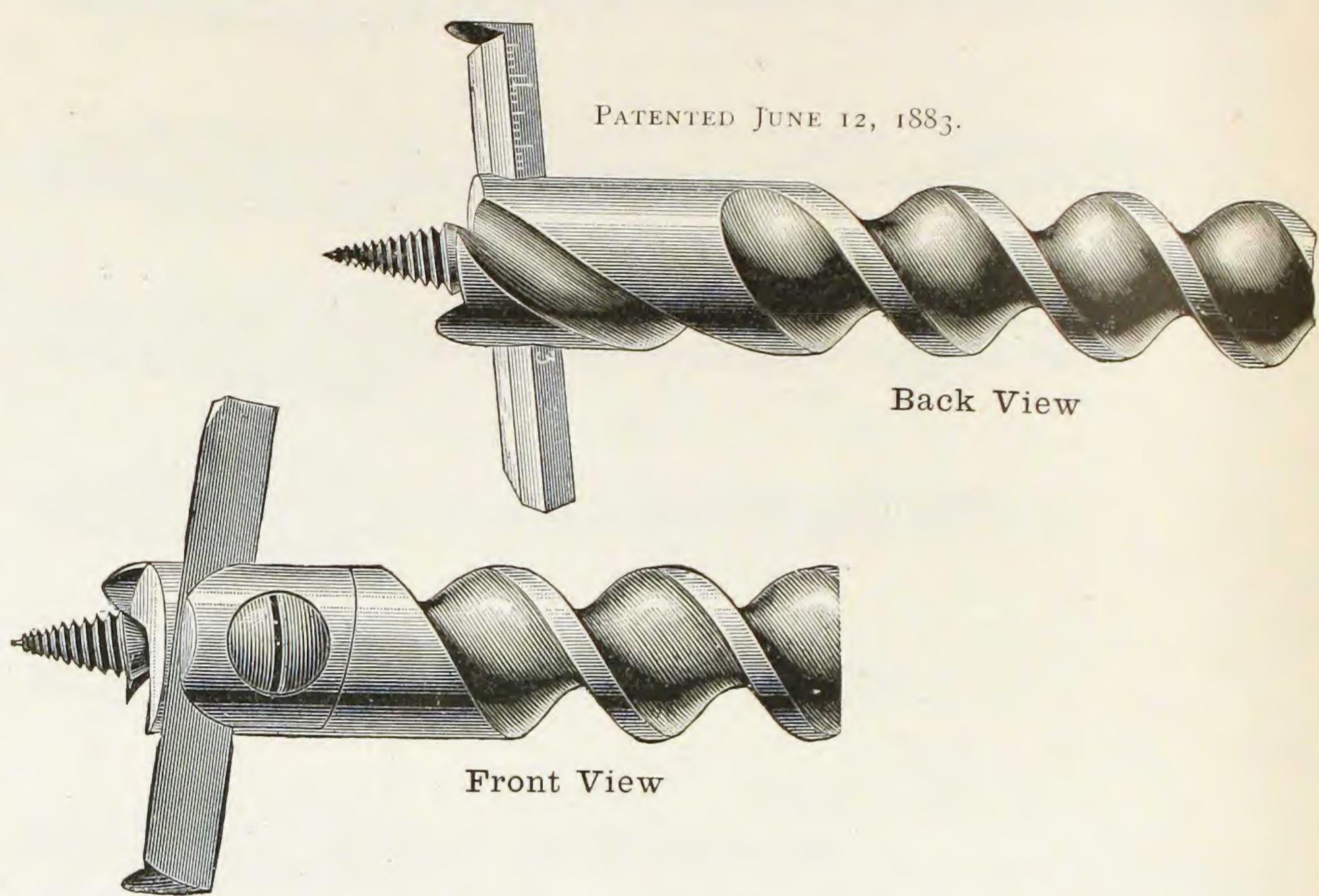
per dozen, \$3.00



## SWAN'S PATENT EXPANSIVE BITS

Rapid Boring, Secure and Exact Adjustment, the only Expansive Bit made with a Twist, taking out a Continuous Chip.

PATENTED JUNE 12, 1883.



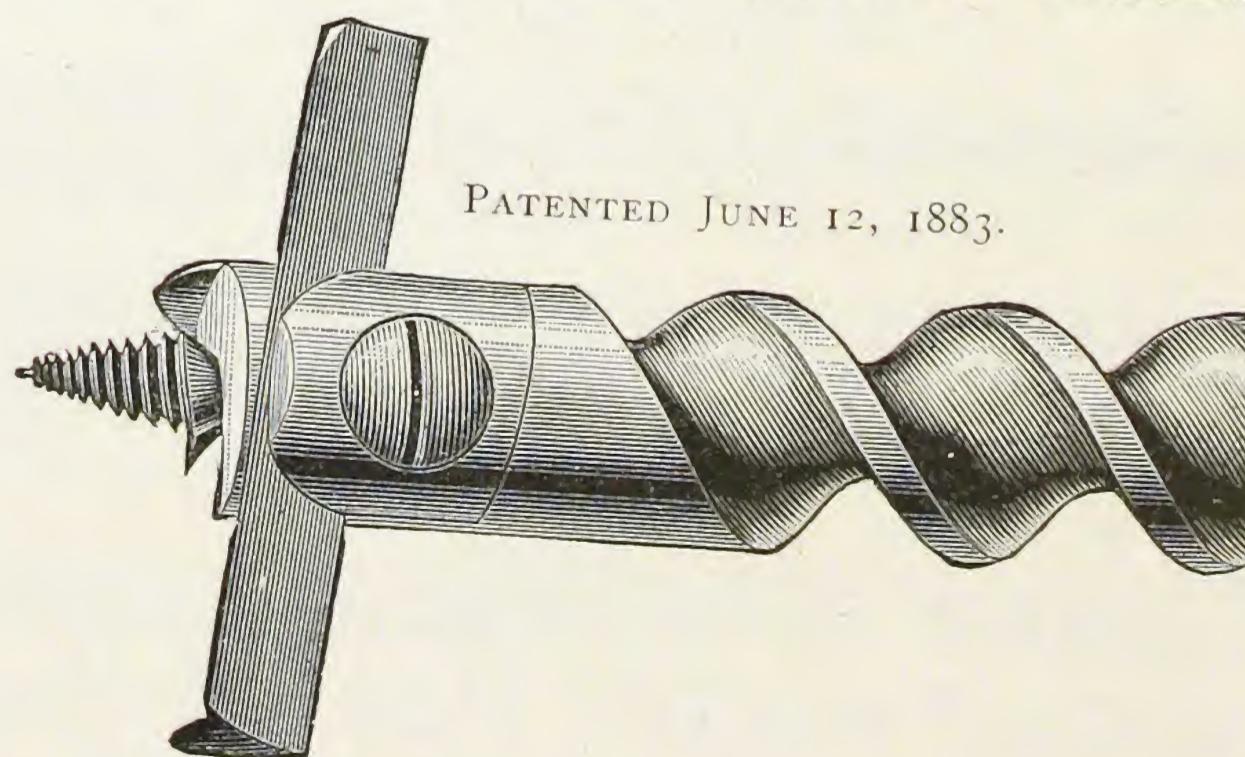
| No. |   | Per dozen. | No. |   | Per dozen. |
|-----|---|------------|-----|---|------------|
| 1   | Cutting from $\frac{9}{16}$ to $1\frac{1}{2}$ inches, | \$18.00    | 3   | Cutting from $\frac{5}{8}$ to 3 inches, | \$26.00    |
| 2   | " " $\frac{9}{16}$ to $2\frac{1}{2}$ "                | 24.00      | 4   | " " $\frac{3}{4}$ to 4 "                | 35.00      |
|     |   |            |     | One in a box.                           |            |

### EXTRA CUTTERS

| No. |  | Per dozen. | No. |  | Per dozen. |
|-----|--|------------|-----|--|------------|
| 1   | $\frac{5}{8}$ to $1\frac{1}{8}$ inches for No. 1 or 2 Bit, | \$3.00     | 6   | $1\frac{7}{8}$ to 3 inches for No. 3 Bit,    | \$6.00     |
| 2   | $1\frac{1}{8}$ to $1\frac{5}{8}$ " " No. 1 or 2 "          | 3.75       | 7   | $\frac{3}{4}$ to $1\frac{3}{4}$ " " No. 4 "  | 5.25       |
| 3   | $1\frac{5}{8}$ to $2\frac{1}{2}$ " " No. 1 or 2 "          | 6.00       | 8   | $1\frac{1}{2}$ to $2\frac{1}{2}$ " " No. 4 " | 6.00       |
| 4   | $\frac{3}{4}$ to $1\frac{1}{4}$ " " No. 3 Bit              | 3.75       | 9   | $2\frac{1}{2}$ to 4 " " No. 4 "              | 9.00       |
| 5   | $1\frac{1}{4}$ to $1\frac{7}{8}$ " " No. 3 "               | 5.25       |     |  |            |

## SWAN'S PATENT EXPANSIVE BORING MACHINE AUGERS

PATENTED JUNE 12, 1883.



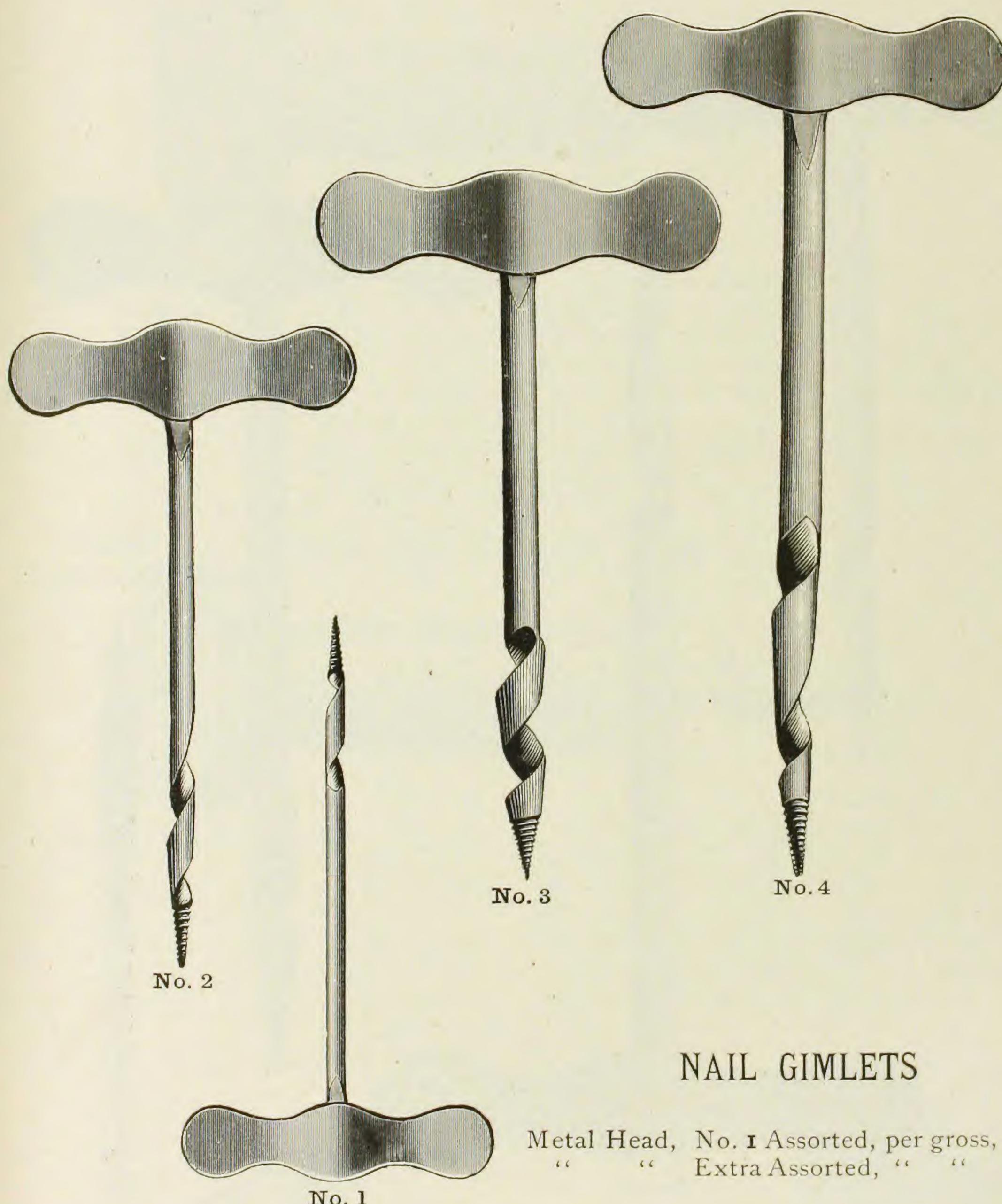
| No. |  | Per dozen. |
|-----|--|------------|
| 5   | Cutting from $\frac{3}{4}$ to $2\frac{1}{2}$ inches, | \$40.00    |
| No. |  |            |
| 7   | $\frac{3}{4}$ to $1\frac{3}{4}$ inches,              | \$5.25     |
| 8   | $1\frac{1}{2}$ to $2\frac{1}{2}$ "                   | 6.00       |

### EXTRA CUTTERS



## METAL AND WOOD HEAD GIMLETS

ILLUSTRATIONS, FULL-SIZE



## NAIL GIMLETS



Metal Head, No. 1 Assorted, per gross, \$4.00  
" " Extra Assorted, " " 4.50

No. 1

## CAST STEEL EXCELSIOR NAIL GIMLETS

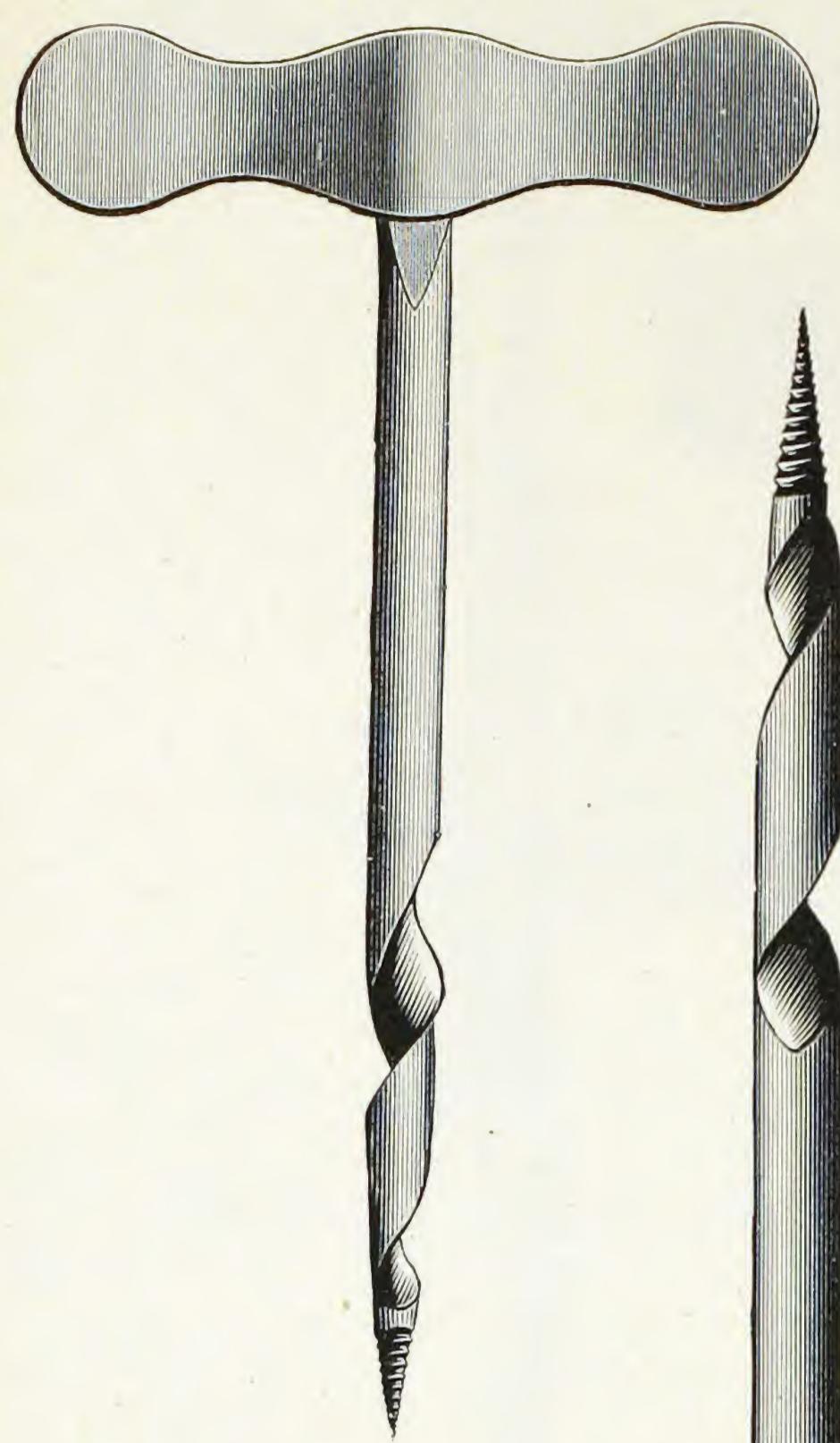
|   |                   |
|---|-------------------|
| Metal Head, Assorted, Nos. 1, 2, and 3, | per gross, \$4.50 |
| " " " Nos. 2 and 3,                     | " " 5.00          |
| " " " Nos. 1, 2, 3, and 4,              | " " 5.00          |
| " " " Nos. 2, 3, and 4,                 | " " 6.00          |
| " " " Nos. 3 and 4,                     | " " 6.00          |
| Cocoa " " Nos. 1, 2, and 3,             | " " 4.50          |
| " " " Nos. 1, 2, 3, and 4,              | " " 5.00          |

Half gross in a box.

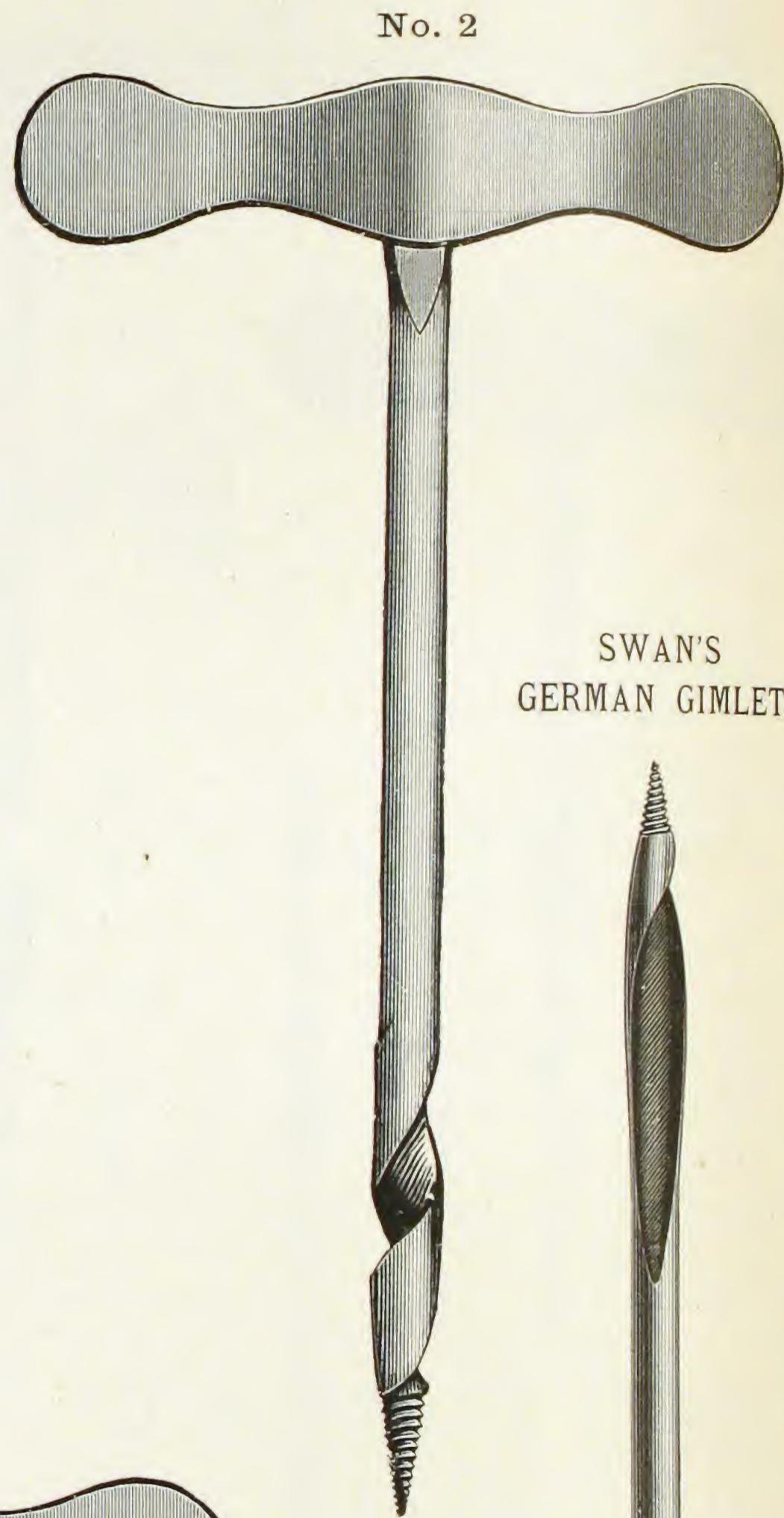


## CAST STEEL SPIKE GIMLETS

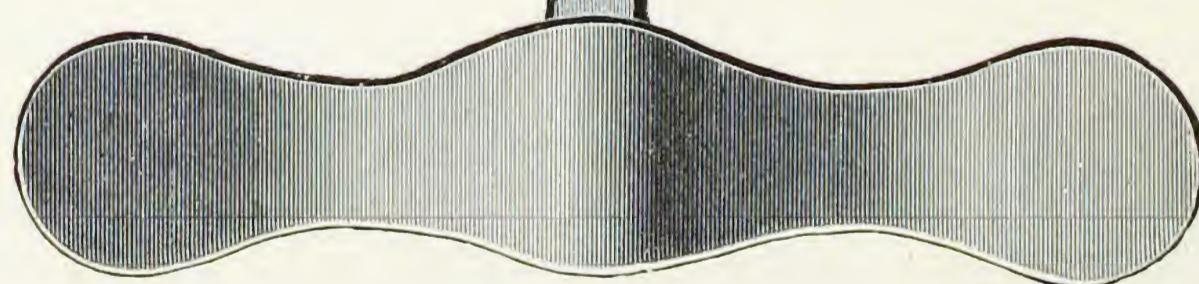
ILLUSTRATIONS, FULL-SIZE



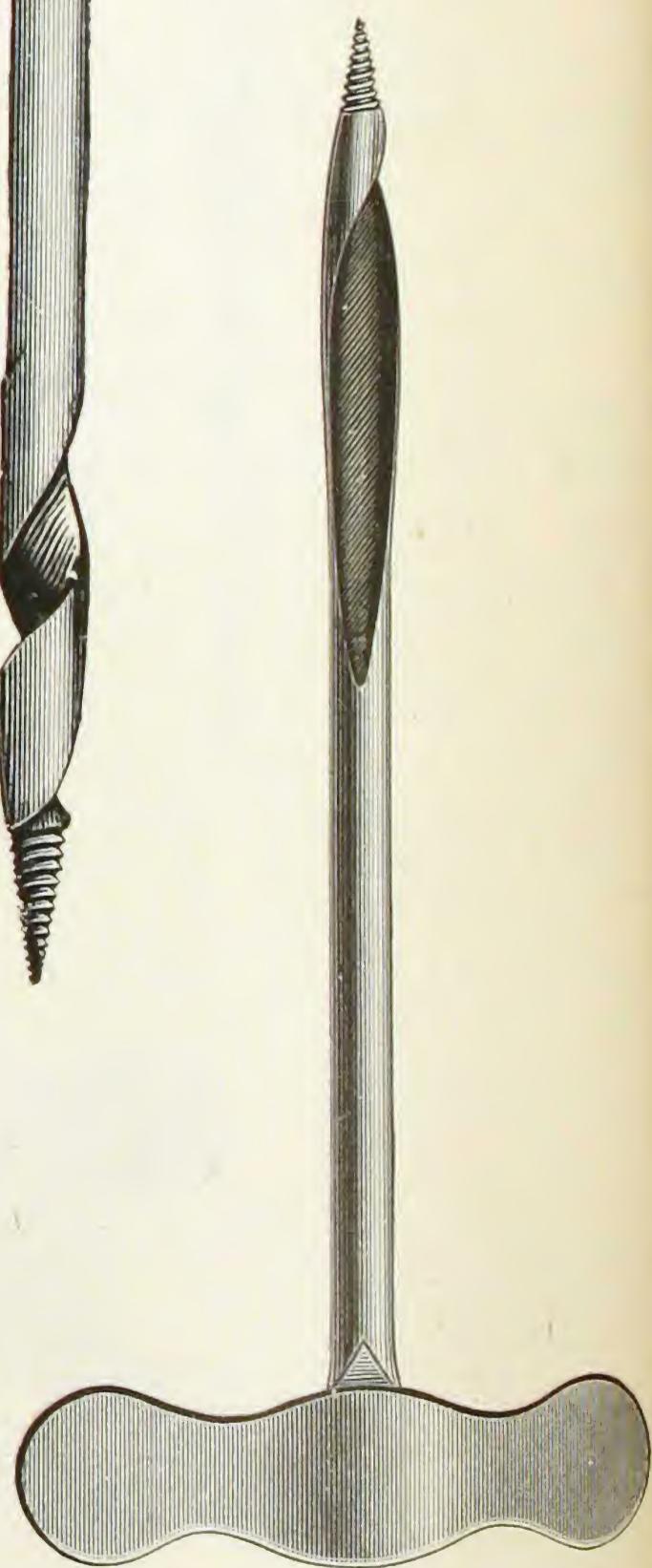
No. 1



No. 2



No. 3

SWAN'S  
GERMAN GIMLETS

## CAST STEEL SPIKE GIMLETS

|                                |  |
|--------------------------------|--|
| Metal Head, No. 1, Assortment, |  |
| " " No. 2, "                   |  |
| " " No. 3, "                   |  |
| Cocoa " No. 1, "               |  |
| " " No. 2, "                   |  |
| " " No. 3, "                   |  |

|            |  |
|------------|--|
| Per gross. |  |
| \$8.00     |  |
| 9.00       |  |
| 10.00      |  |
| 8.00       |  |
| 9.00       |  |
| 10.00      |  |

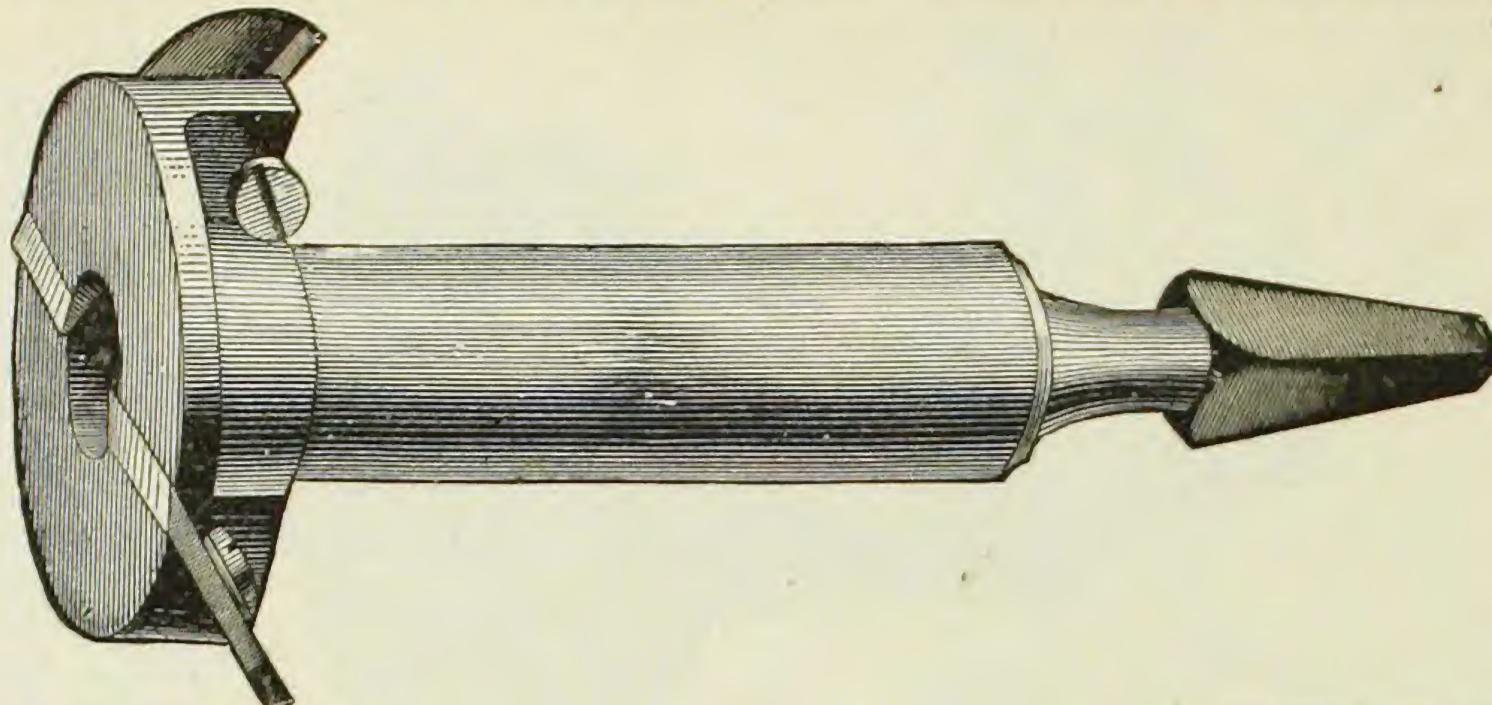
Nos. 1, 2, 3, 4, Per gross.  
Assorted, \$9.00  
9.00

Half gross in a box.

Quarter gross in a box.



## AMES' PATENT IMPROVED HOLLOW AUGERS



### WITH COOK'S PATENT BITS

| Size, inches, | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ |
|---------------|----------------|----------------|----------------|----------------|
| Per dozen,    | \$12.00        | 12.00          | 12.00          | 14.00          |
| Size, inches, | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1              |
| Per dozen,    | \$14.00        | 14.00          | 16.00          | 16.00          |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ |
| Per dozen,    | \$20.00        | 20.00          | 24.00          | 24.00          |

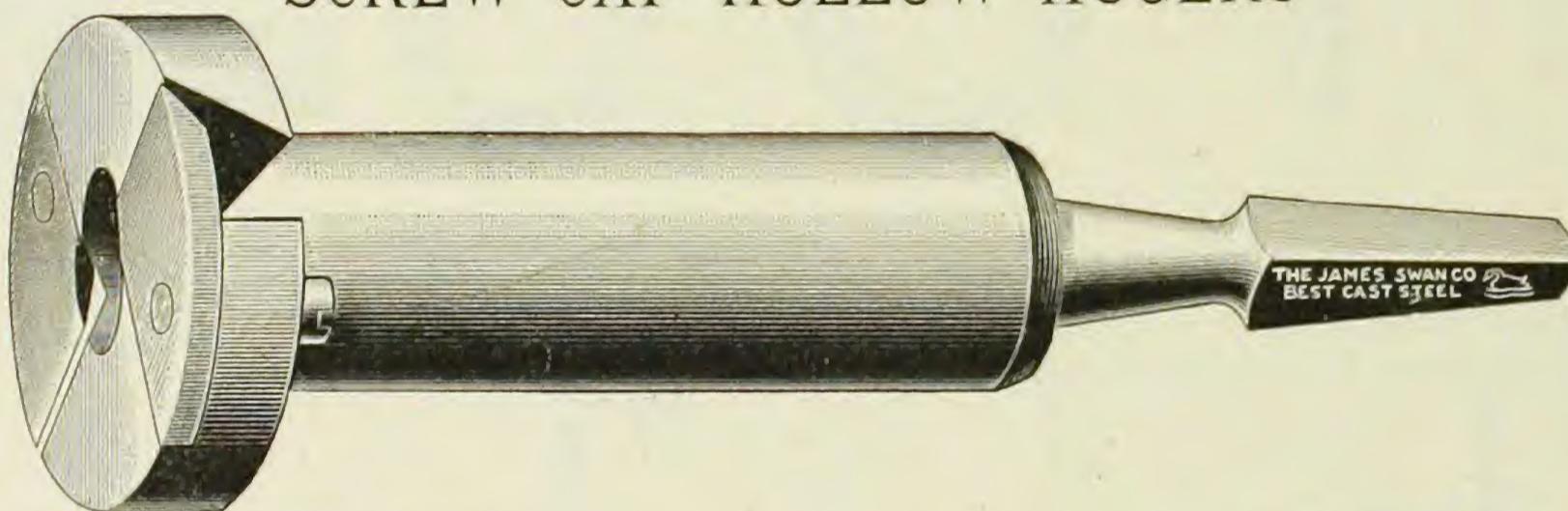
### WITHOUT BITS

| Size, inches, | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ |
|---------------|----------------|----------------|----------------|----------------|
| Per dozen,    | \$8.00         | 8.00           | 8.00           | 9.00           |
| Size, inches, | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1              |
| Per dozen,    | \$9.00         | 9.00           | 12.00          | 12.00          |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ |
| Per dozen,    | \$14.00        | 14.00          | 16.00          | 16.00          |

$\frac{3}{8}$  to 1 inch, one-third dozen in a package.

$1\frac{1}{8}$  to  $1\frac{1}{2}$  inches, one-sixth dozen.

## SCREW CAP HOLLOW AUGERS



### WITH COOK'S PATENT BITS

| Size, inches, | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ |
|---------------|----------------|----------------|----------------|----------------|
| Per dozen,    | \$12.00        | 12.00          | 12.00          | 14.00          |
| Size, inches, | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1              |
| Per dozen,    | \$14.00        | 14.00          | 16.00          | 16.00          |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ |
| Per dozen,    | \$20.00        | 20.00          | 24.00          | 24.00          |

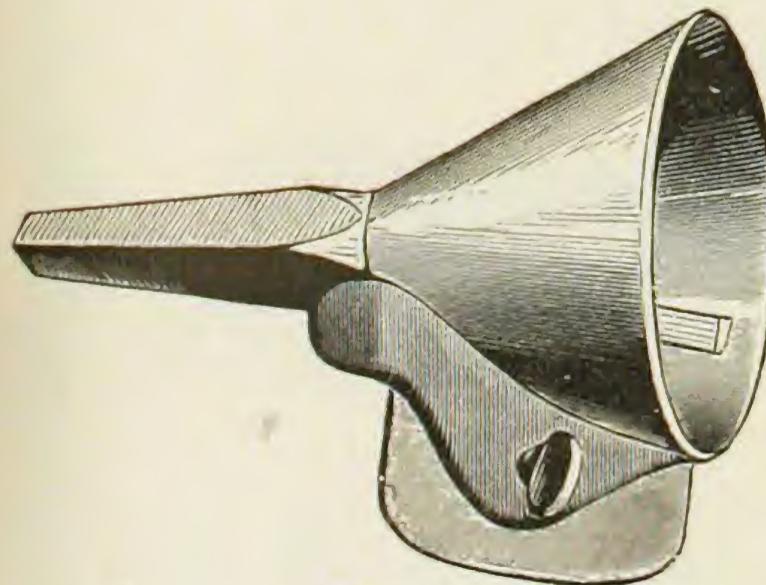
### WITHOUT BITS

| Size, inches, | $\frac{3}{8}$  | $\frac{7}{16}$ | $\frac{1}{2}$  | $\frac{9}{16}$ |
|---------------|----------------|----------------|----------------|----------------|
| Per dozen,    | \$8.00         | 8.00           | 8.00           | 9.00           |
| Size, inches, | $\frac{5}{8}$  | $\frac{3}{4}$  | $\frac{7}{8}$  | 1              |
| Per dozen,    | \$9.00         | \$9.00         | 12.00          | 12.00          |
| Size, inches, | $1\frac{1}{8}$ | $1\frac{1}{4}$ | $1\frac{3}{8}$ | $1\frac{1}{2}$ |
| Per dozen,    | \$14.00        | 14.00          | 16.00          | 16.00          |

$\frac{3}{8}$  to 1 inch, one-third dozen in a package.

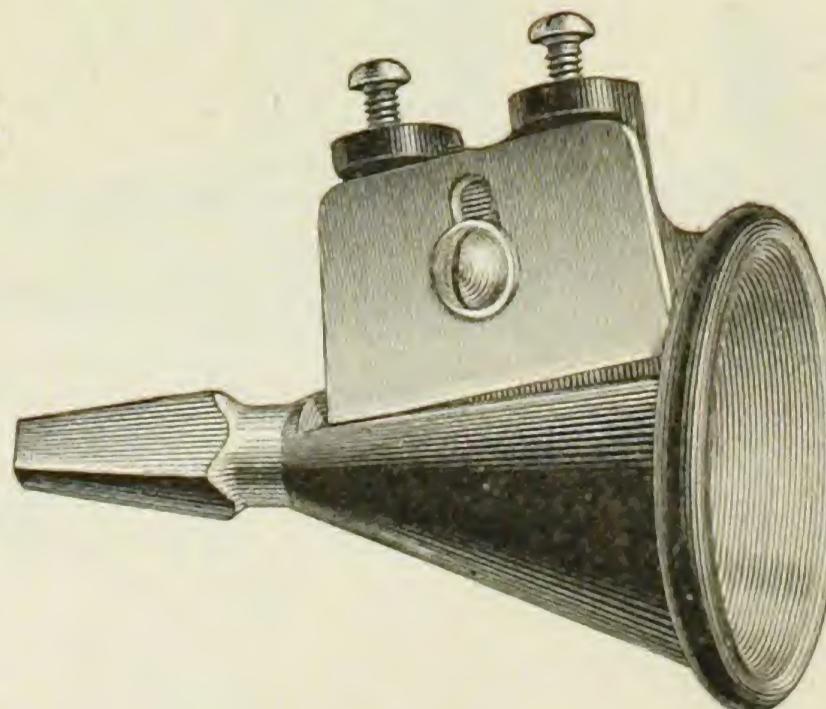
$1\frac{1}{8}$  to  $1\frac{1}{2}$  inches, one-sixth dozen.

## SPOKE POINTERS



No. 1

No. 1,  
No. 2,



No. 2

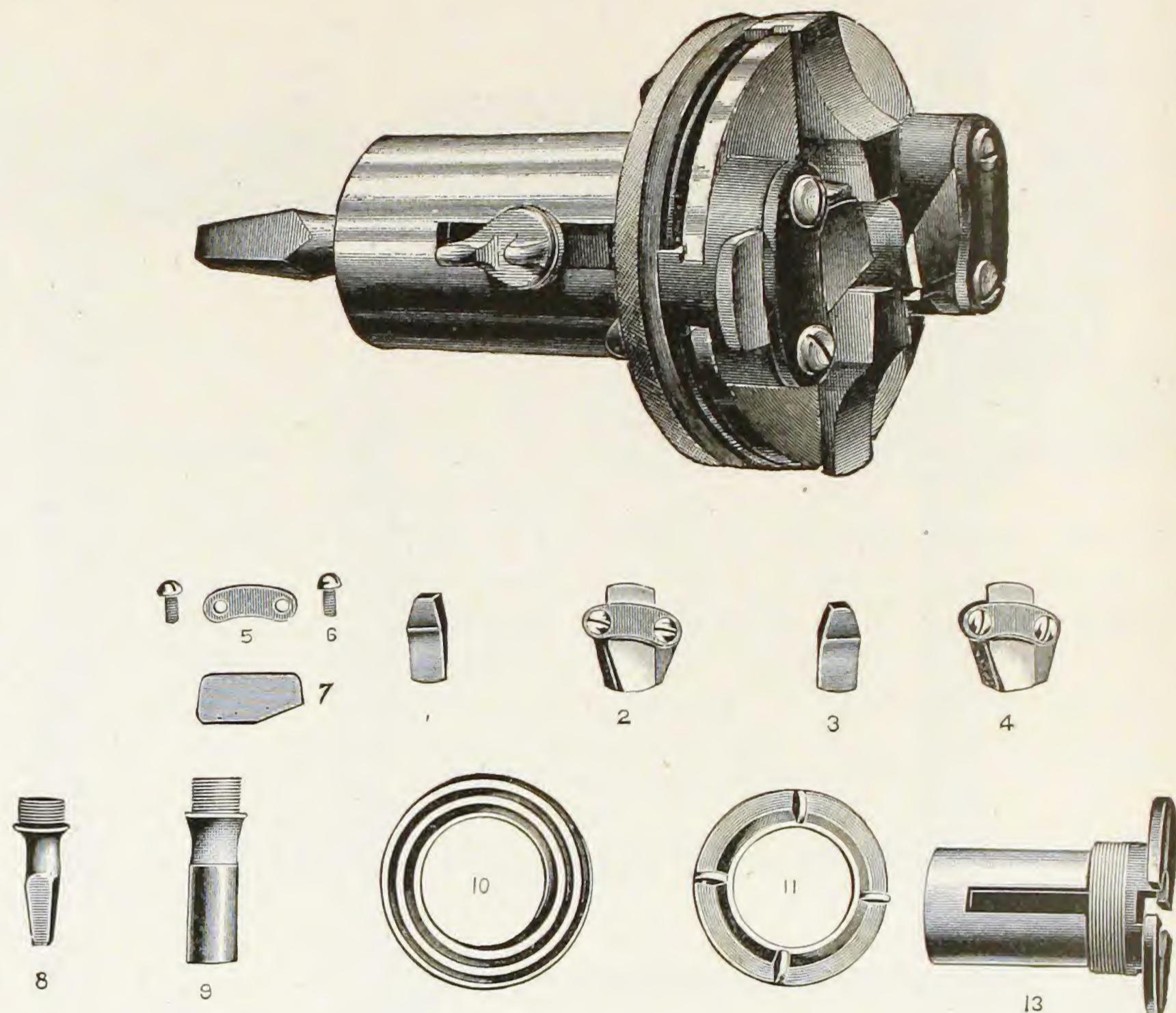
per dozen, \$9.00

" " 5.00

One-third dozen in a box.



## SWAN'S IMPROVED UNIVERSAL HOLLOW AUGERS



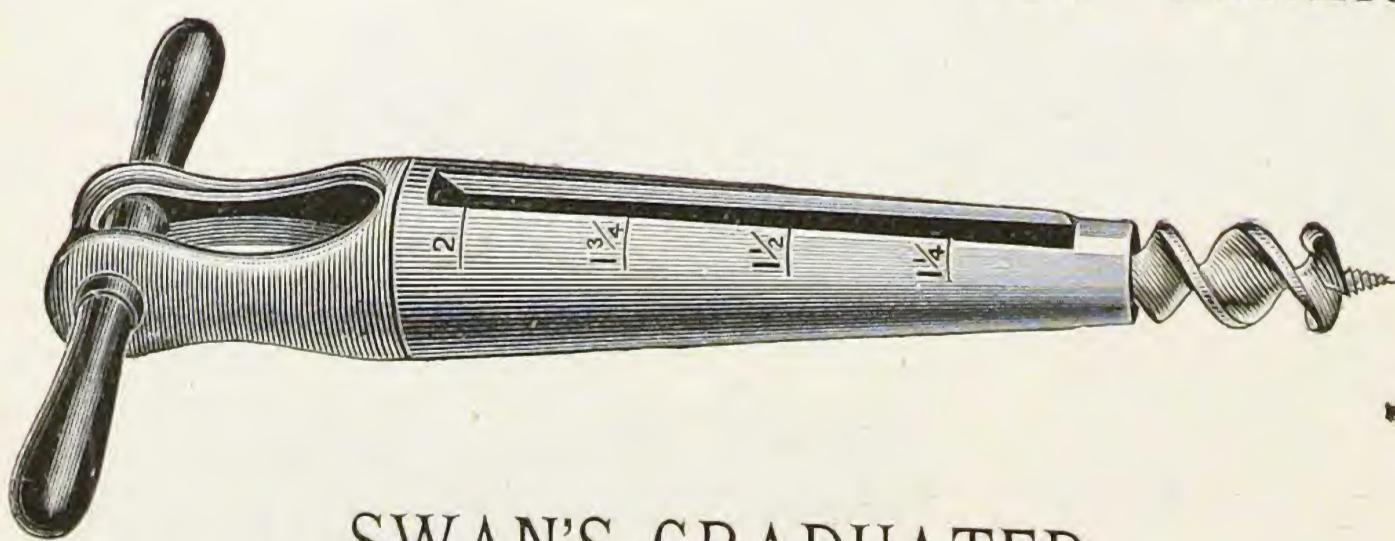
The above cut represents a well-known tool and its parts, which can be ordered by number. Depth gauge to regulate the length of tenon, face graduated so it can be readily set to any desired size. It will answer the purpose of a full set of Augers from  $\frac{3}{8}$  to  $1\frac{1}{2}$  inches.

Without Bits,  
With Cook's Patent Bits, Assorted,  $\frac{3}{8}$  to  $1\frac{1}{2}$  inches,  
Machine or Round Shanks, extra,

One in a wooden box.

each, \$4.50  
" 9.50  
" .50

## TAP BORERS



## SWAN'S GRADUATED

| Nos.   | 1    | 2    | 3 |
|--|------|------|---|
| Cut, inches, $\frac{5}{8}$ to $1\frac{1}{2}$ |      |      |   |
| Marked, " $\frac{3}{4}$ to $1\frac{1}{2}$    |      |      |   |
| Each, \$1.25                                 | 1.65 | 2.50 |   |

One in a package.

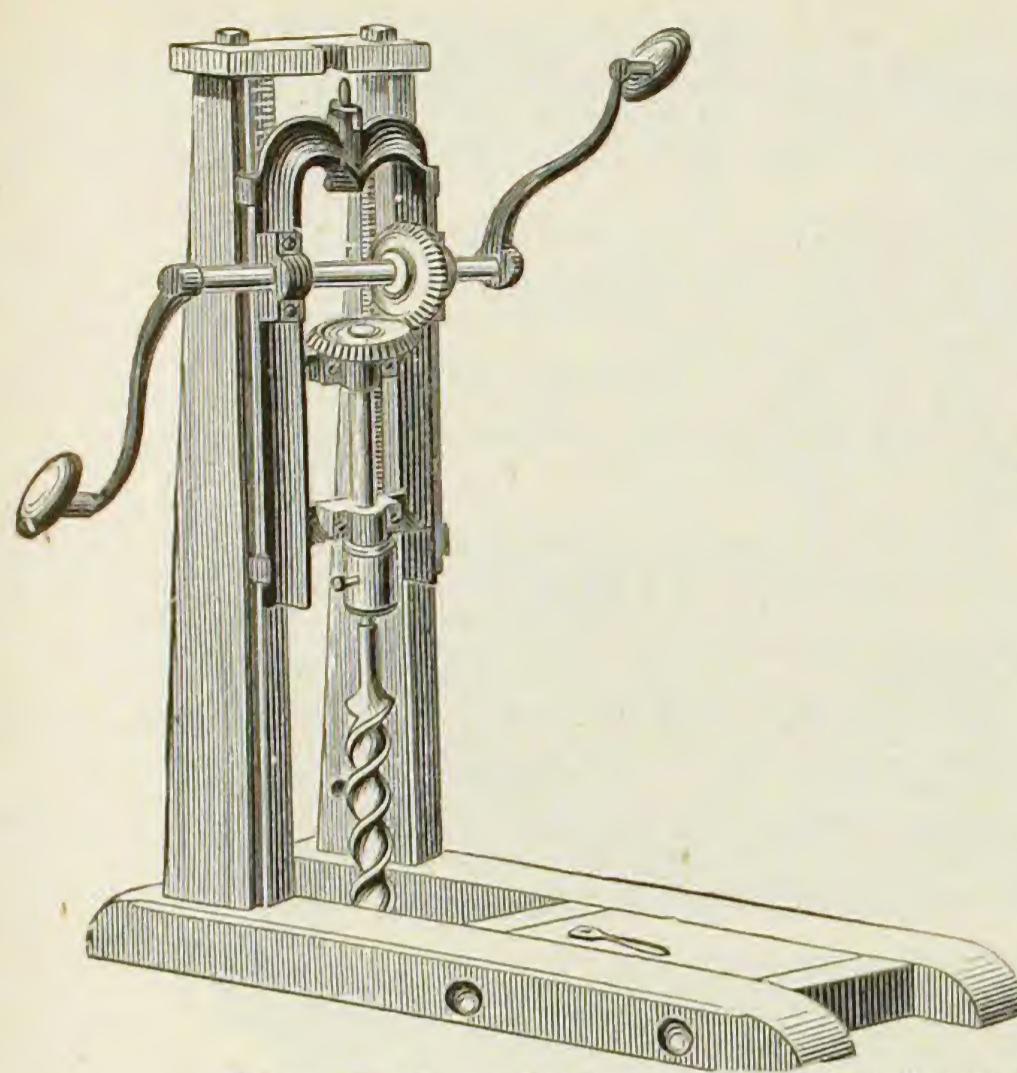
## RING

| Size, inches, | $1\frac{1}{4}$ | $1\frac{1}{2}$ | $1\frac{3}{4}$ | 2     |
|---------------|----------------|----------------|----------------|-------|
| Per dozen,    | \$6.00         | 7.00           | 8.00           | 10.00 |
| Size, inches, | $2\frac{1}{4}$ | $2\frac{1}{2}$ | 3              |       |
| Per dozen,    | \$12.00        | 16.00          | 20.00          |       |

Quarter dozen in a package.

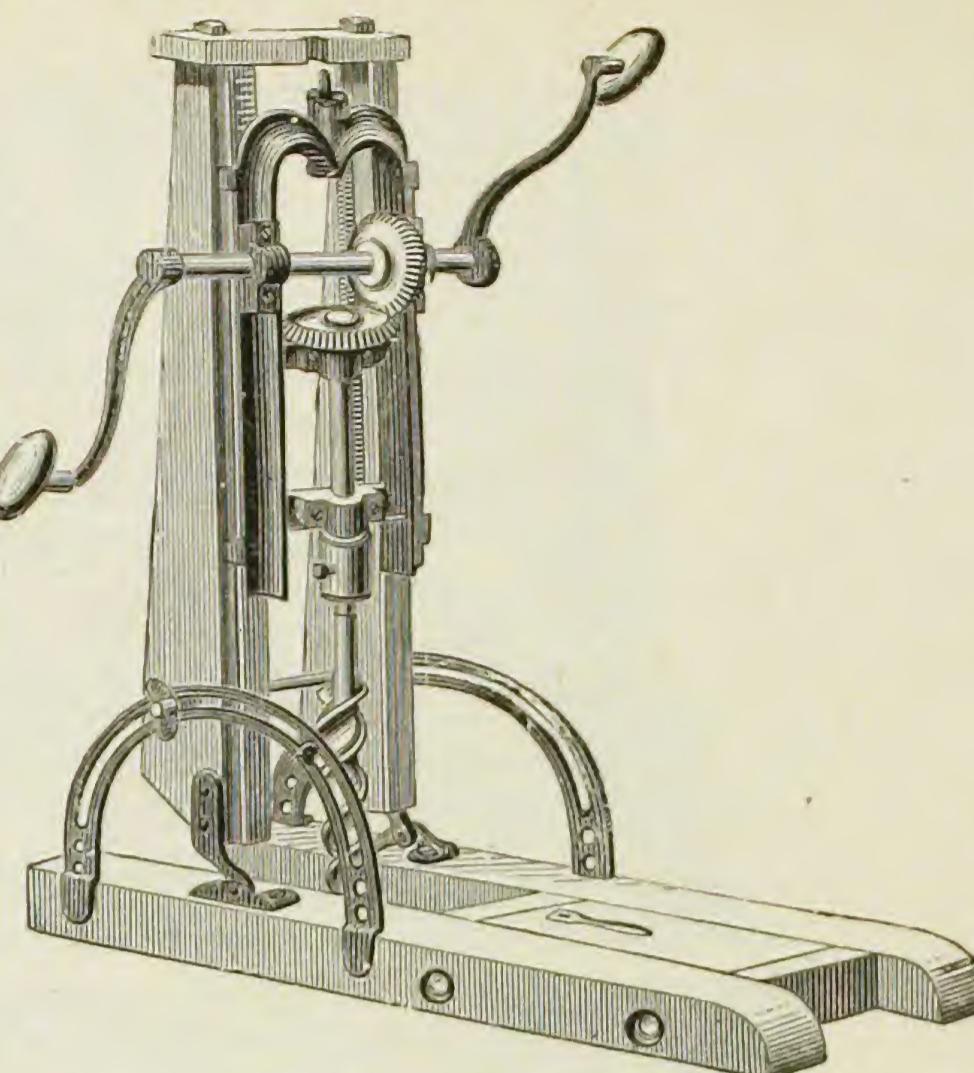


## IMPROVED BORING MACHINES



Nos. 3, 4, and 5

Graduated Ways



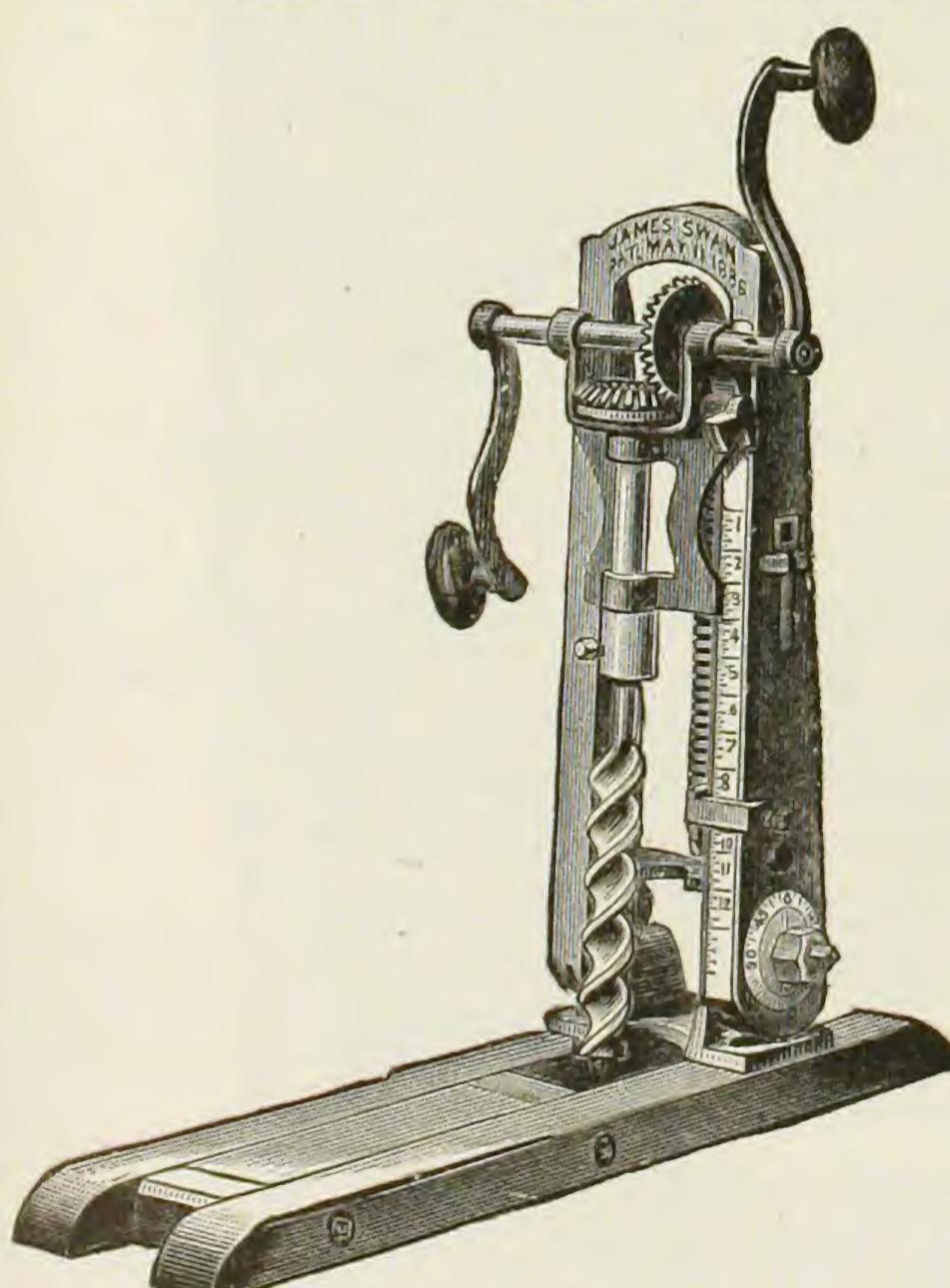
Nos. 1 and 2

These Machines are well made and warranted to bore true. They are offered as the Best Wood Frame Machine in the market.

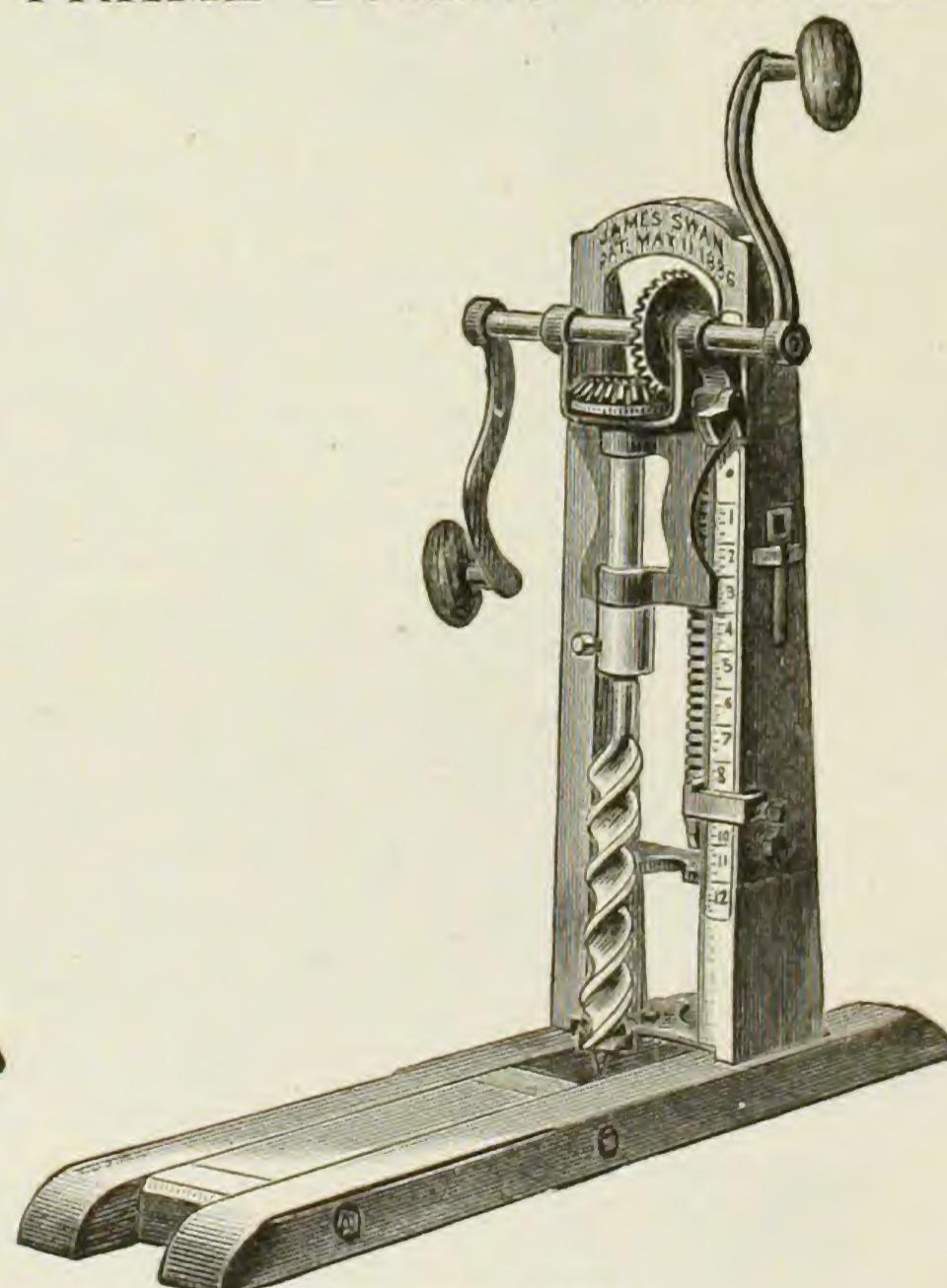
## WITHOUT AUGERS

| No. |                        | Each.   |
|-----|------------------------|---------|
| 1   | Angular, Polished Gear | \$10.00 |
| 2   | "                      | 6.75    |
| 3   | Upright, Polished Gear | 8.50    |
| 4   | "                      | 7.50    |
| 5   | "                      | 5.50    |

## SWAN'S PATENT IRON FRAME BORING MACHINES



No. 200



No. 500

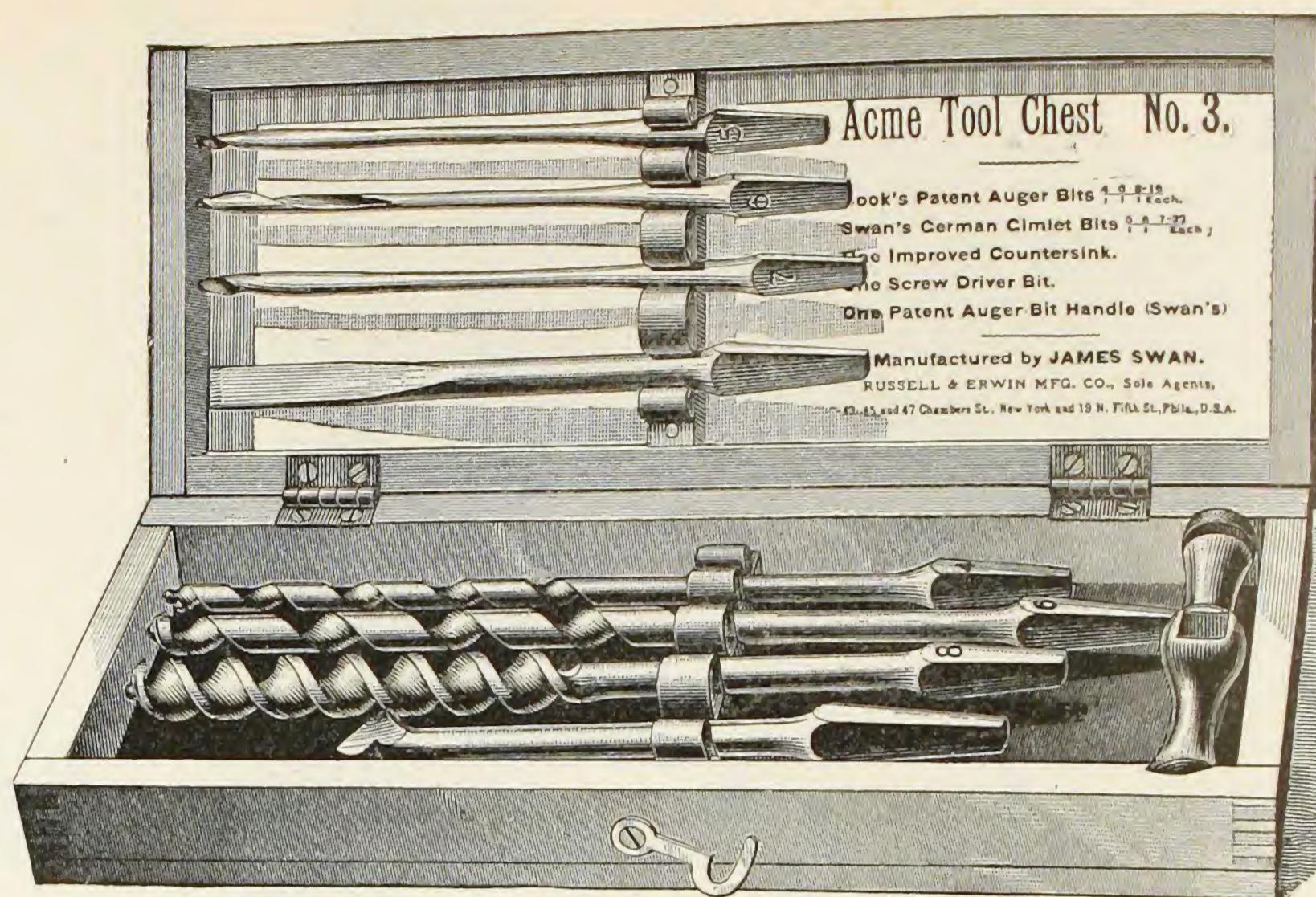
These cuts represent a new and improved Iron Boring Machine of sufficient strength to bore with large Augers without springing or getting out of true, and weighing but little more than the ordinary Wood Boring Machine.

| No. |   | Each.   |
|-----|---|---------|
| 200 | Angular, Painted Standard, without Augers | \$10.75 |
| 500 | Upright, " " " " "                        | 8.50    |

Two in a case. No charge for case.

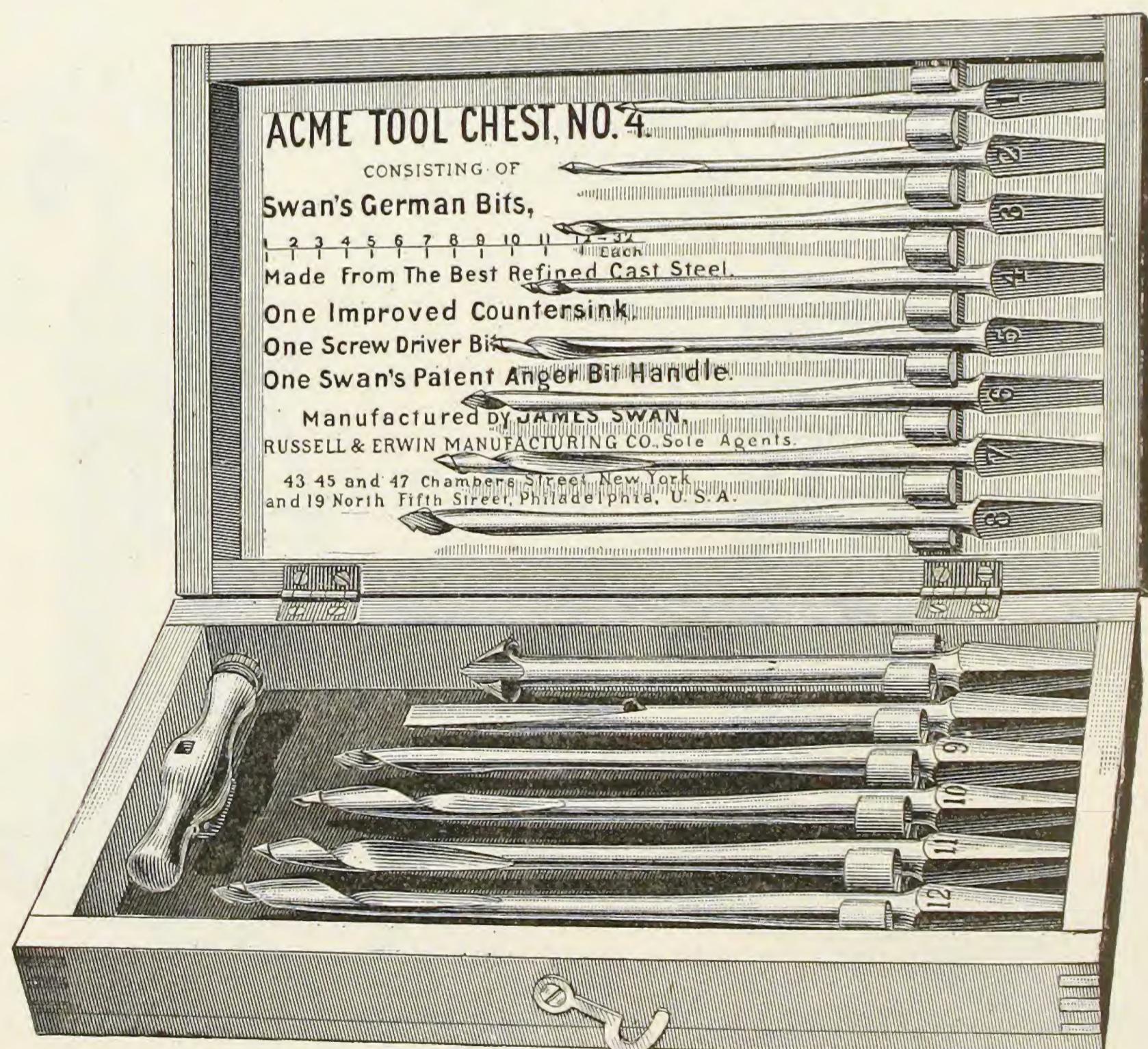


## ACME TOOL CHESTS



No. 3

per set, \$1.80



Contains:  
One each, Swan's German Bit, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 32ds.  
One Improved Countersink for wood.  
One Screw-Driver Bit.  
One Patent Auger Bit Handle.

No. 4

per set, \$1.80

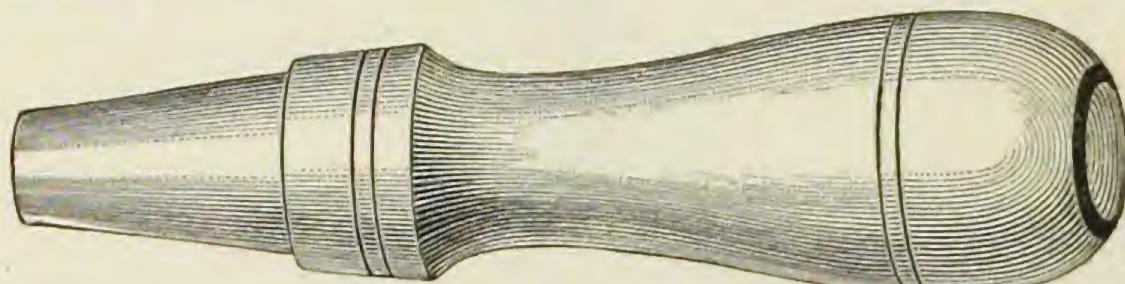
These sets are packed in nicely finished boxes with patented spring racks that hold the tools securely in their places.  
All tools packed in this manner are carefully selected, and fully warranted.



## SWAN'S PATENT CHISEL HANDLES

PATENTED Nov. 19, 1890

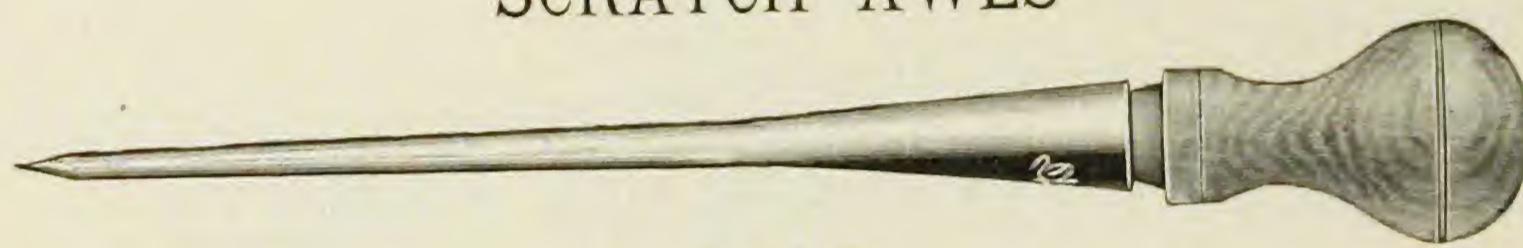
These handles are made with an iron ferrule inserted in the end, and as nothing withstands blows better than end wood confined, they are, by means of the ferrule, prevented from splitting and made practically indestructible, while the shape of the handle is not interfered with when used by hand.



|         |   |                   |
|---------|---|-------------------|
| No. 120 | Hickory Socket Firmer, assorted sizes, $\frac{1}{8}$ to 2 inch, | per gross, \$8.25 |
| " " "   | large,  | " " 9.75          |
| No. 121 | Tanged  | " " 12.00         |
| No. 101 | " "   | " " 12.75         |
| No. 102 | " "   | " " 13.50         |
| No. 103 | " "   | " " 15.00         |
| No. 104 | " "   | " " 15.75         |
| No. 105 | " "   |                   |

One dozen in a box.

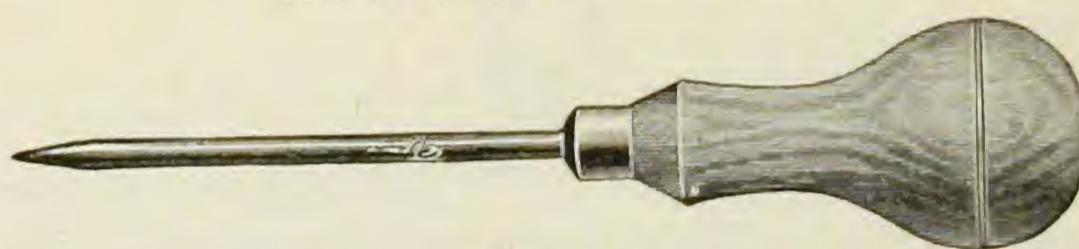
## SCRATCH AWLS



No. 100

No. 100 Socket, per dozen, \$1.50

One dozen in a wooden box.



No. 3

No. 75 Plain Handle, per dozen, \$0.62  $\frac{1}{2}$   
No. 3 Fancy " " .75

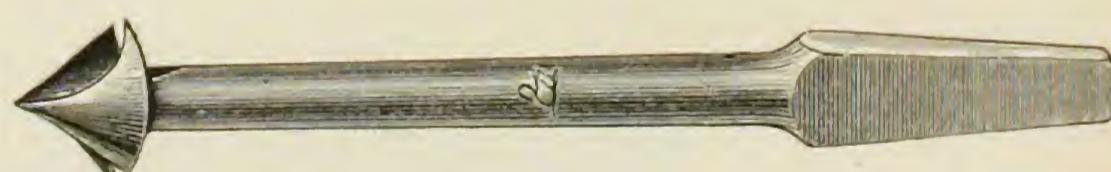
One dozen in a box.

## SCREW-DRIVER BITS



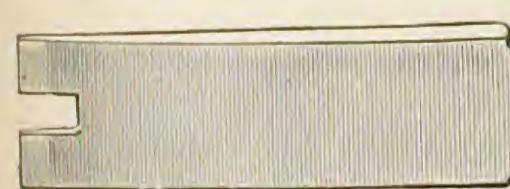
Extra,  
No. 1,

per dozen, \$1.50  
" " 1.00



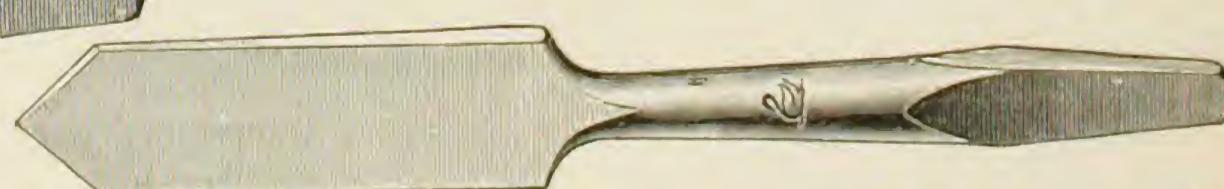
No. 5 For Wood,

per dozen, \$1.25



With Slot,

per dozen, \$2.00



No. 10 For Iron,

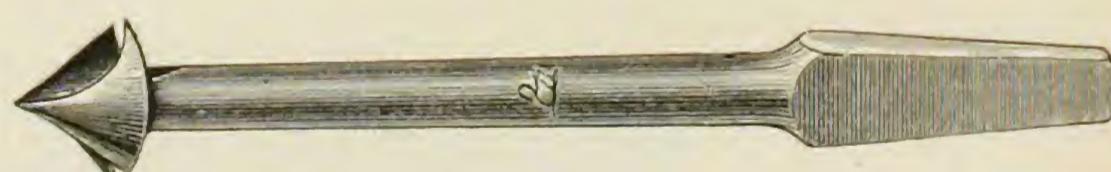
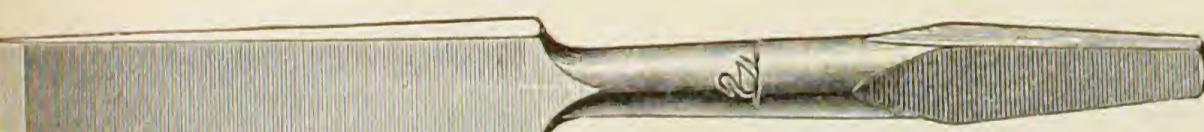
per dozen, \$1.50

No. 75,

per dozen, \$1.25

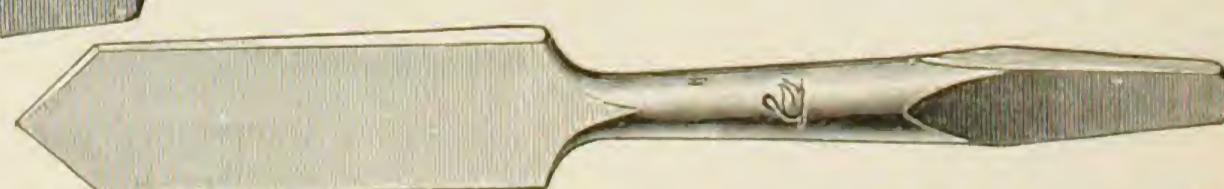
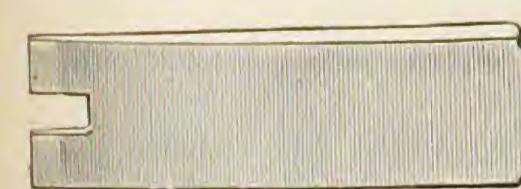
One dozen in a box.

## COUNTERSINKS



No. 5 For Wood,

per dozen, \$1.25



No. 10 For Iron,

per dozen, \$1.50

No. 75,

per dozen, \$1.25

One dozen in a box.

## REAMERS

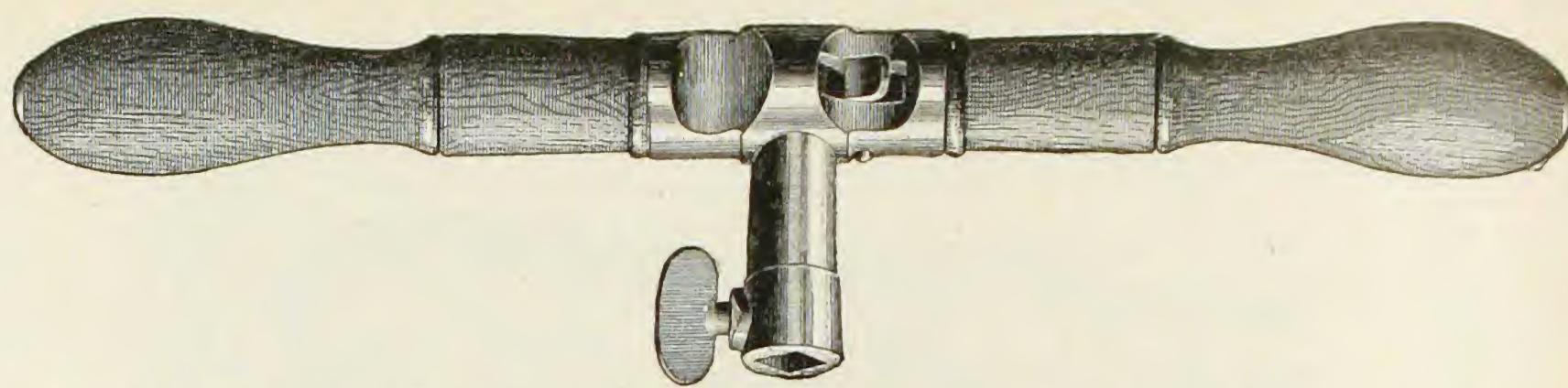


Per dozen,

\$1.50



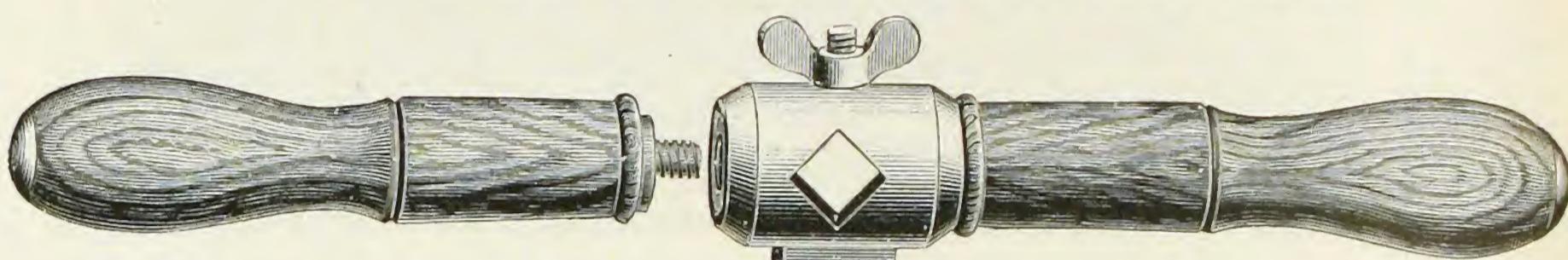
## SWAN'S RATCHET AUGER HANDLES



No. 80 Applewood, Nickel-plated,  
Either Handle can be unscrewed, enabling it to be worked in a corner.

each, \$1.25

## SWAN'S IMPROVED AUGER HANDLES

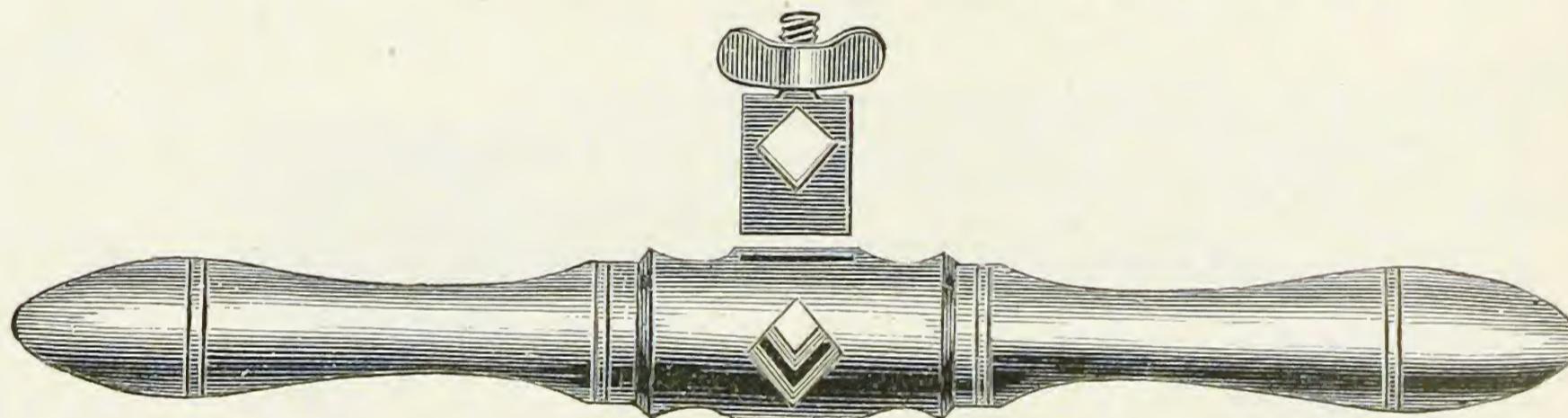


No. 24 Rosewood Finish Handles,  
Two slides with each Handle, taking in 3-8 to 16-4 Auger Shanks, taking the place of two Auger Handles.  
Either Handle can be unscrewed, enabling it to be worked in a corner.  
These Handles are made of the best material and are fully warranted.

One in a wooden box.

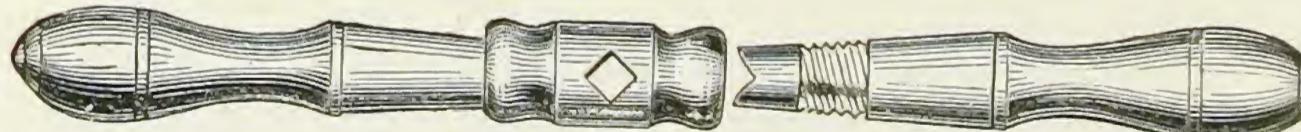
each, \$1.00

## SWAN'S PATENT AUGER HANDLES



| No. |   | Per set. |
|-----|---|----------|
| 3   | Applewood, in sets of two, Assorted, Small and Large, | \$1.00   |
| 4   | " " " Both Large,                                     | 1.25     |
| I3  | Rosewood, " " Assorted, Small and Large,              | 1.25     |
| I4  | " " " Both Large,                                     | 1.50     |

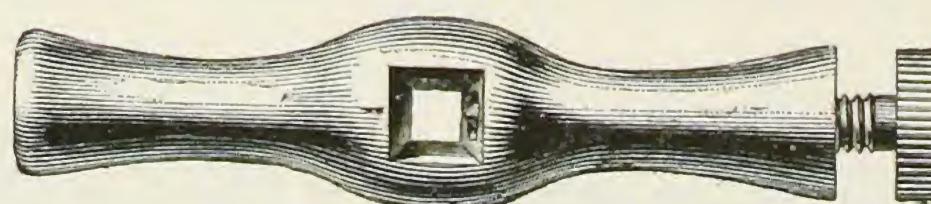
## PATENT AUGER HANDLES



| No. | Per set. |
|-----|----------|
| I   | \$1.25   |
| 2   | 1.40     |
| II  | 1.50     |
| I2  | 1.75     |

One set in a package.

## SWAN'S PATENT AUGER BIT HANDLES



| No. | Per dozen. |
|-----|------------|
| I   | \$2.40     |
| 2   | 2.40       |

One dozen in a box.



# SWAN'S PATENT SCREW-DRIVERS

WITH STRONG MALLEABLE IRON FERRULES

PATENTED MAY 22, 1894. DESIGN PATENT ON HANDLES FEBRUARY 1, 1898.

All Superior Quality and Fully Warranted.



No. 65



No. 065



No. 67



No. 68

Above all the same lists.

| Size, inches,<br>Per dozen, | $2\frac{1}{2}$<br>\$3.00 | 3<br>3.50 | 4<br>4.25 | 5<br>5.00 | 6<br>6.00 | 7<br>7.00 | 8<br>8.00 | 9<br>9.00 | 10<br>10.00 | 12<br>12.00 |
|-----------------------------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|
|-----------------------------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-------------|



Cabinet No. 66

ALL BLADES  $\frac{7}{32}$  INCH DIAMETER

| Size, inches,<br>Per dozen, | $2\frac{1}{2}$<br>\$3.00 | $3\frac{1}{2}$<br>3.50 | $4\frac{1}{2}$<br>4.50 | $5\frac{1}{2}$<br>5.50 | $6\frac{1}{2}$<br>6.00 | $8\frac{1}{2}$<br>8.00 | $10\frac{1}{2}$<br>9.50 | $12\frac{1}{2}$<br>11.00 |
|-----------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|
|-----------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|

We call special attention to the design patent on these Handles. The construction is such that they are easier on the hand when in use than any other handle, especially the No. 67.

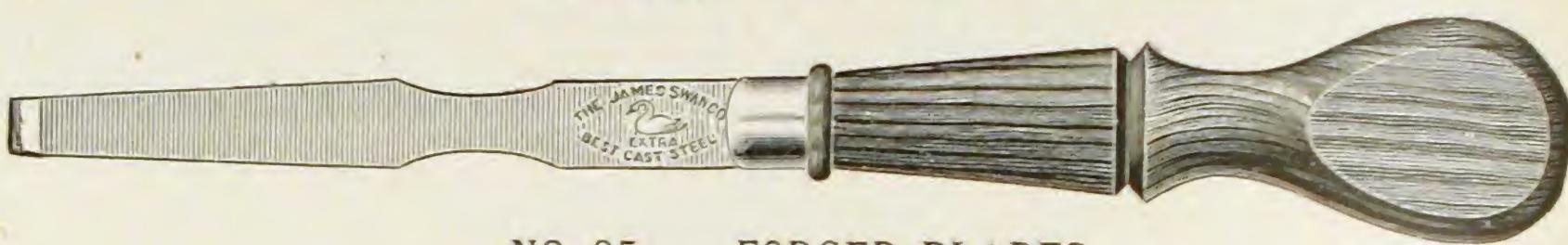
The inside of the ferrule is so constructed that when the blade is driven home it is practically impossible to turn or come off. The end of the ferrule is bored tapering and the blade made to correspond, so that, being a tapered fit in both ferrule and handle, either blade or handle can be easily replaced in case of accident.

All above, half dozen in a wooden box.



# SOLID CAST STEEL SCREW-DRIVERS

MADE FROM BEST CRUCIBLE CAST STEEL



NO. 25. FORGED BLADES

| Size, inches,               | 2      | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   |
|-----------------------------|--------|------|------|------|------|------|------|------|------|------|------|
| Per dozen,                  | \$2.00 | 2.50 | 3.00 | 3.50 | 4.00 | 5.00 | 5.50 | 6.00 | 6.50 | 7.00 | 7.50 |
| Half dozen in a wooden box. |        |      |      |      |      |      |      |      |      |      |      |

NO. 35. FORGED BLADES, ROSEWOOD HANDLES

| Size, inches,               | 1 1/2  | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11    | 12    |
|-----------------------------|--------|------|------|------|------|------|------|------|------|------|-------|-------|
| Per dozen,                  | \$3.00 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 6.00 | 7.00 | 7.50 | 9.00 | 10.00 | 10.50 |
| Half dozen in a wooden box. |        |      |      |      |      |      |      |      |      |      |       |       |

## SWAN'S PATENT SCREW-DRIVERS



NO. 45. ROUND BLADES, BLACK HANDLES, NICKEL-PLATED FERRULES, PATENT FASTENING

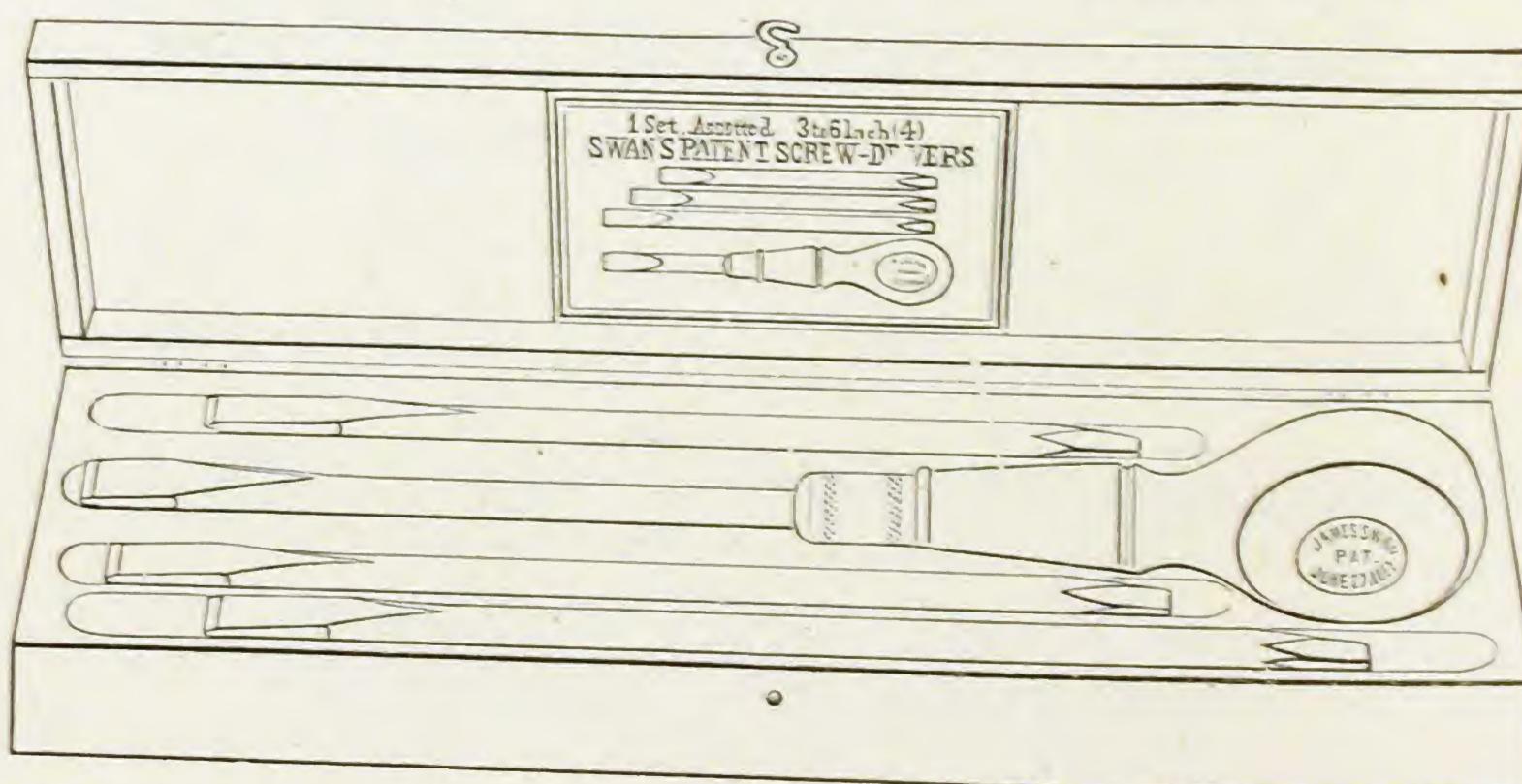
| Size, inches,               | 1 1/2  | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 10   | 12   |
|-----------------------------|--------|------|------|------|------|------|------|------|------|------|
| Per dozen,                  | \$2.50 | 2.50 | 3.00 | 3.50 | 4.00 | 5.00 | 6.00 | 7.00 | 8.00 | 9.00 |
| Half dozen in a wooden box. |        |      |      |      |      |      |      |      |      |      |



NO. 40. ROUND BLADES, BLACK HANDLES, NICKEL-PLATED FERRULES (STYLE OF NO. 45, WITHOUT PATENT FASTENING)

| Size, inches,   | 1 1/2  | 2   | 3    | 4    | 5    | 6    | 7    | 8    | 10   | 12   |
|---|--------|-----|------|------|------|------|------|------|------|------|
| Per dozen,  | \$0.90 | .90 | 1.15 | 1.50 | 1.75 | 2.10 | 2.35 | 2.80 | 3.50 | 4.75 |
| $1\frac{1}{2}$ and 2 inches, one dozen in a box; all other sizes, half dozen. |        |     |      |      |      |      |      |      |      |      |

## SWAN'S PATENT SCREW-DRIVERS



No. 100 In sets (4), 3 to 6 inches,

One set in a wooden box, as shown in illustration.

per dozen sets, \$15.00

